

FIG. 1

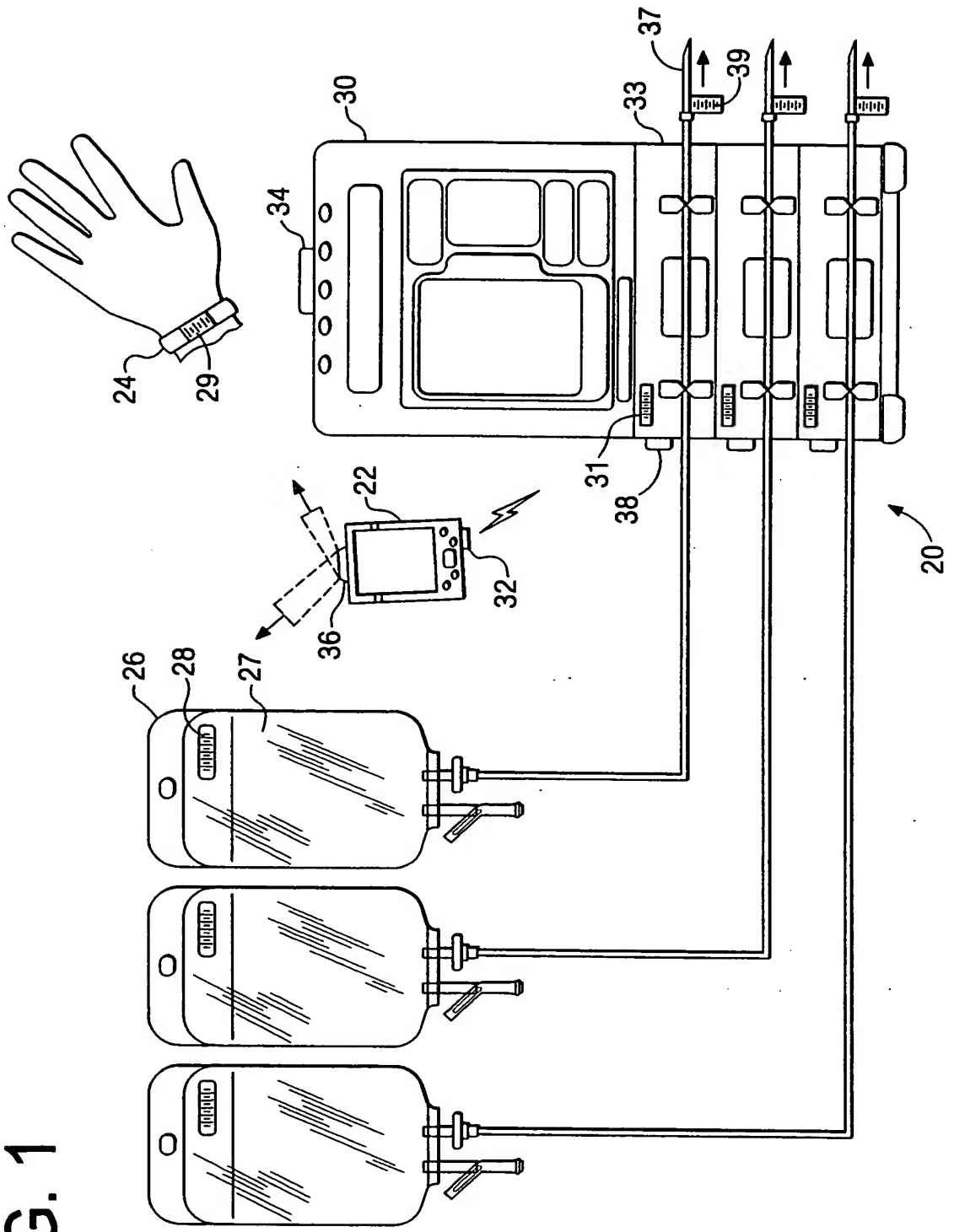


FIG. 2

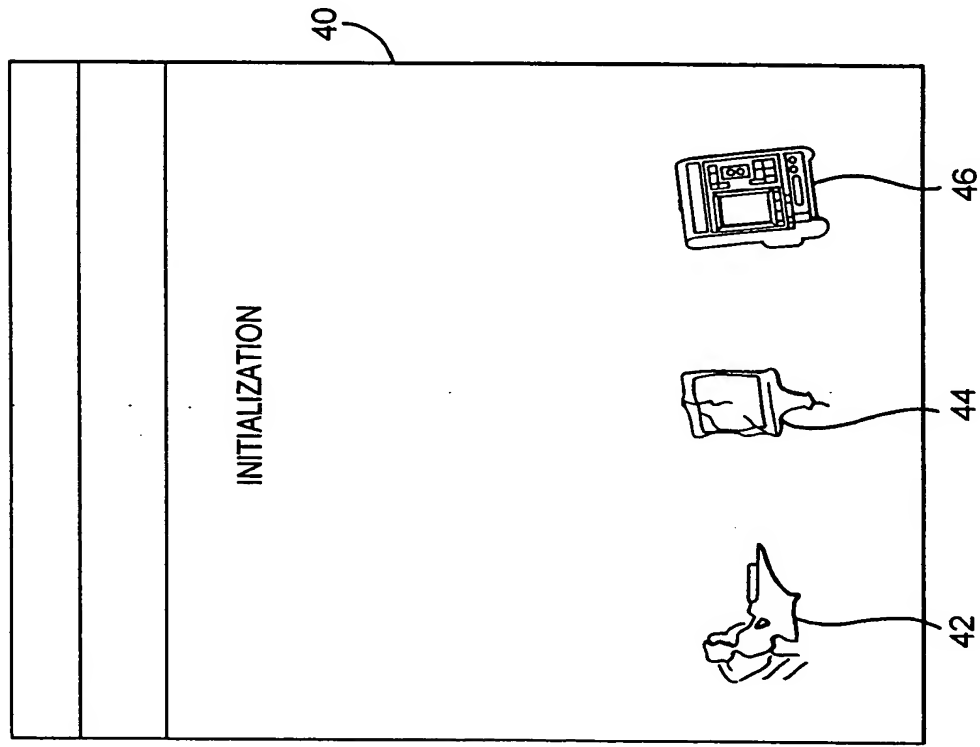


FIG. 3

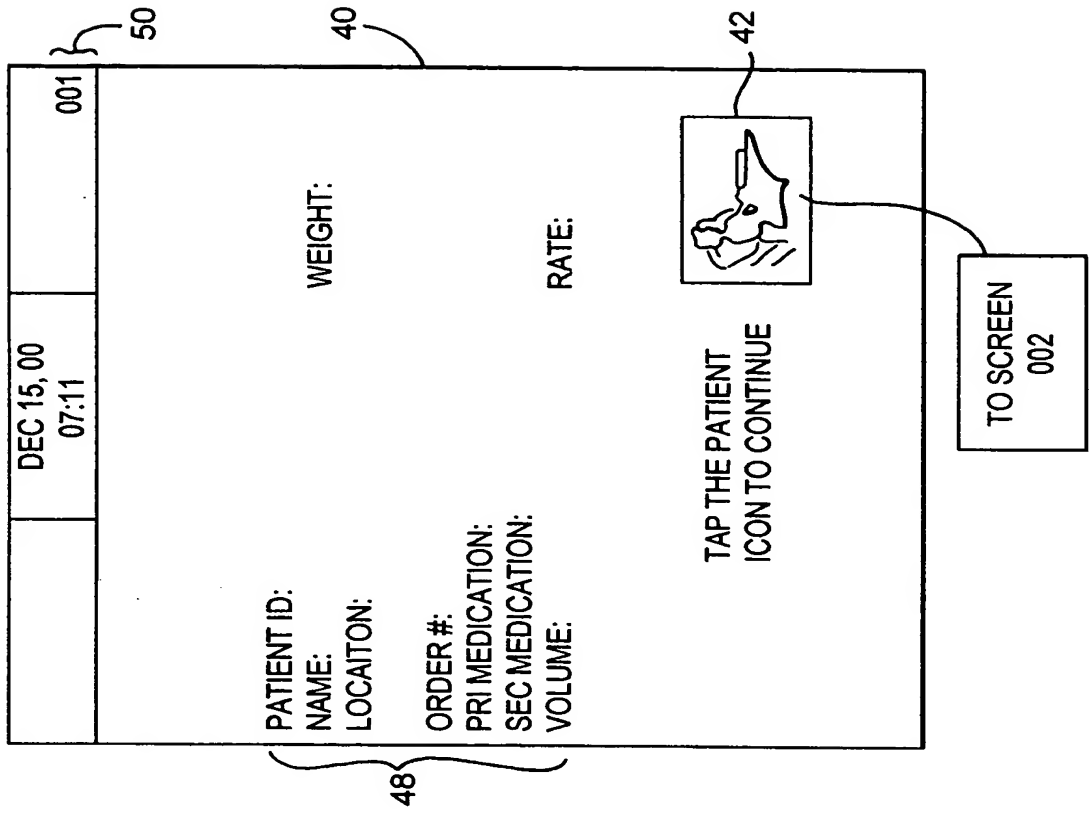


FIG. 4

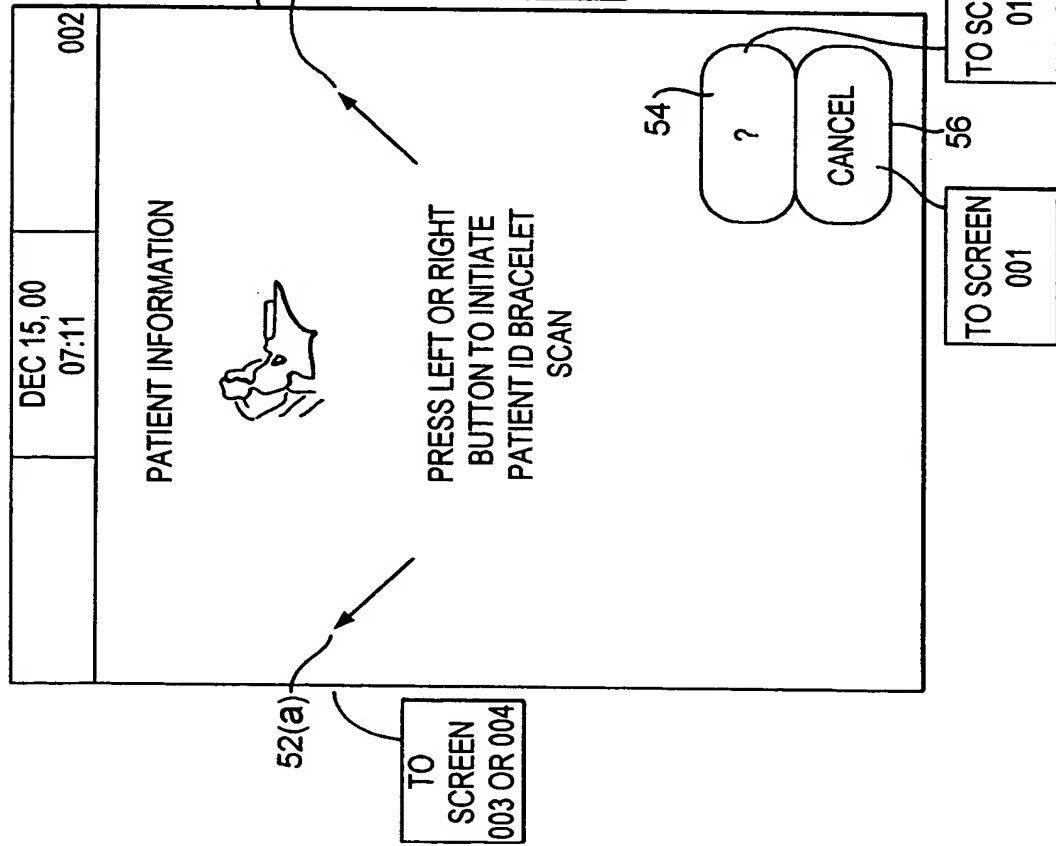


FIG. 5

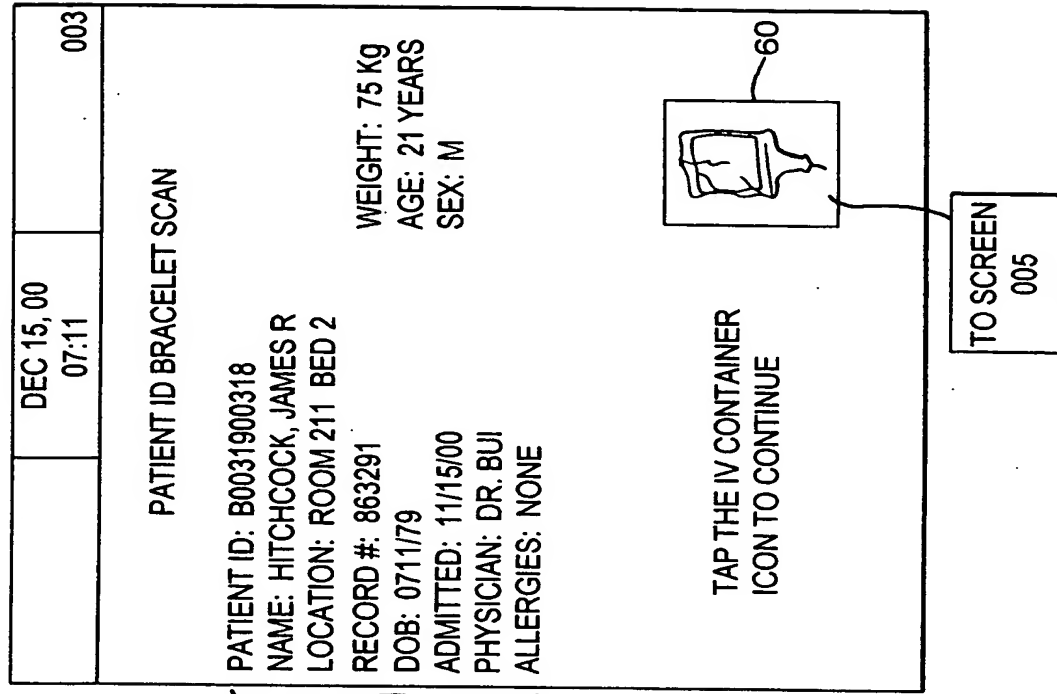


FIG. 6

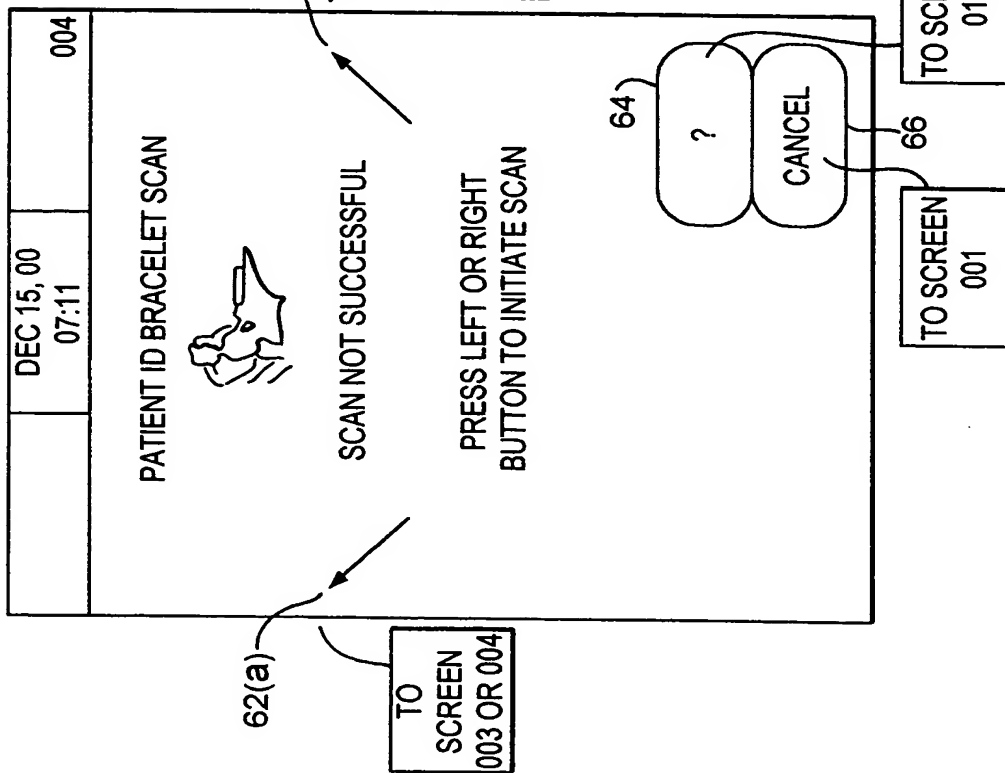


FIG. 7

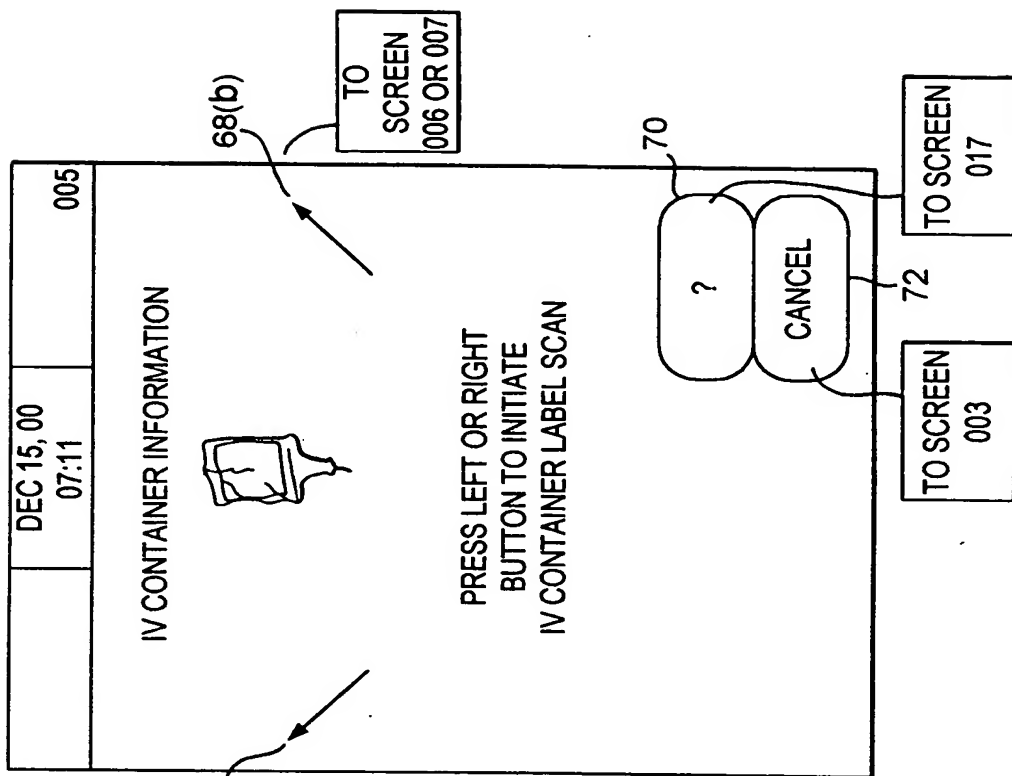


FIG. 8(a)

DEC 15, 00 07:11	006a
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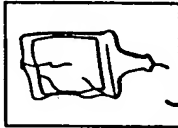
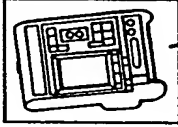
PATIENT ID: B0031900318
NAME: HITCHCOCK, JAMES R
LOCATION: ROOM 211 BED 2

WEIGHT: 75kg

PREPARED BY: J FROBEL
SOLUTION EXPIRES: 7 00PM ON 12/15/00
TO BE DELIVERED WITH: BAG ID 001215-02
ADMINISTRATION ROUTE: PERIPHERAL

TAP THE APPROPRIATE
ICON TO CONTINUE

PAGE 1

TO SCREEN 006

TO SCREEN 005

TO SCREEN 008, 009, 010, OR 011

FIG. 8(b)

DEC 15, 00 07:11	006b
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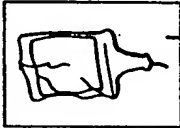
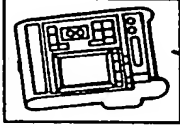
PATIENT ID: B0031900318
NAME: HITCHCOCK, JAMES R
LOCATION: ROOM 211 BED 2

WEIGHT: 75kg

ORDER #: 3265894
BAG ID: 001215-01
PRI MEDICATION: D5W WITH 20 mEq KCl
VOLUME: 1000mL
RATE: 125 mL/hr
DELIVERY TO PATIENT: 12/15/00 AT 08 00

TAP THE APPROPRIATE
ICON TO CONTINUE

PAGE 2

TO SCREEN 007

TO SCREEN 005

TO SCREEN 008, 009, 010, OR 011

FIG. 9

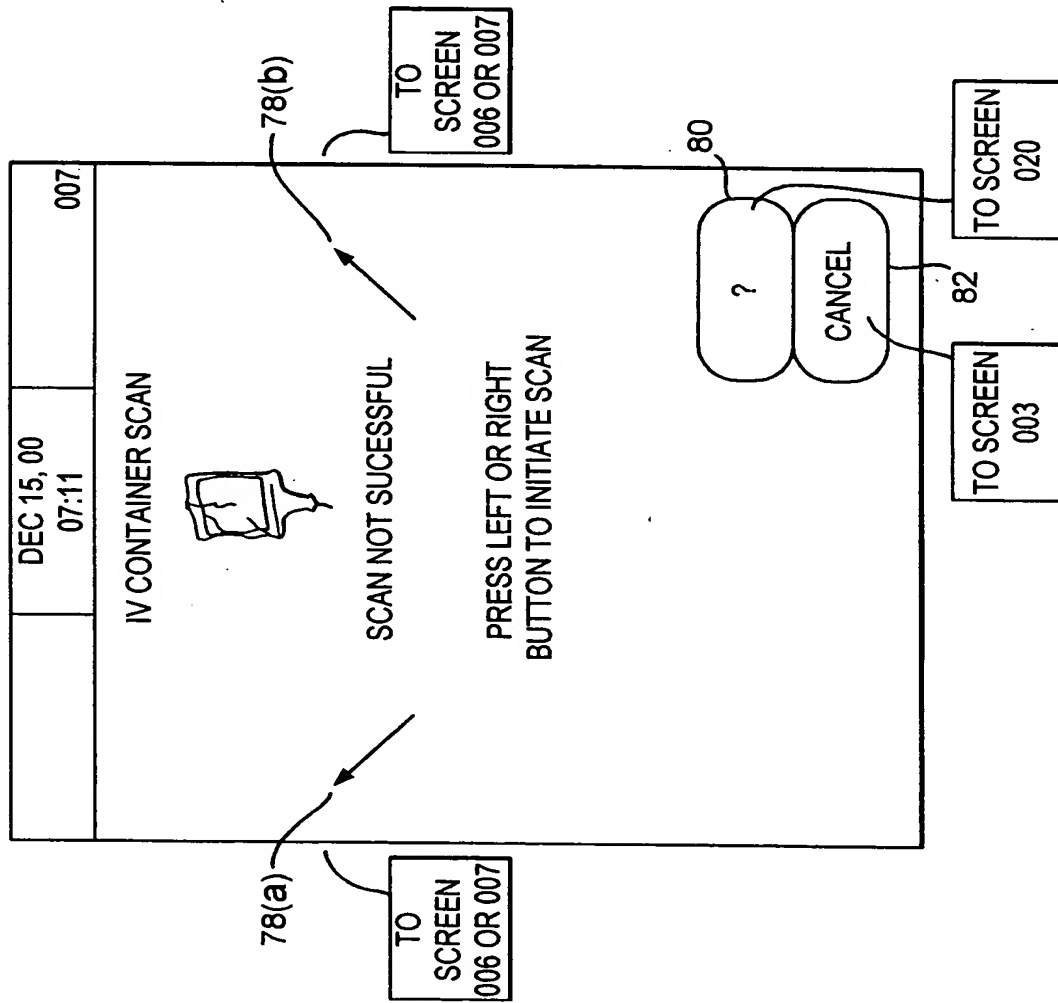


FIG. 10

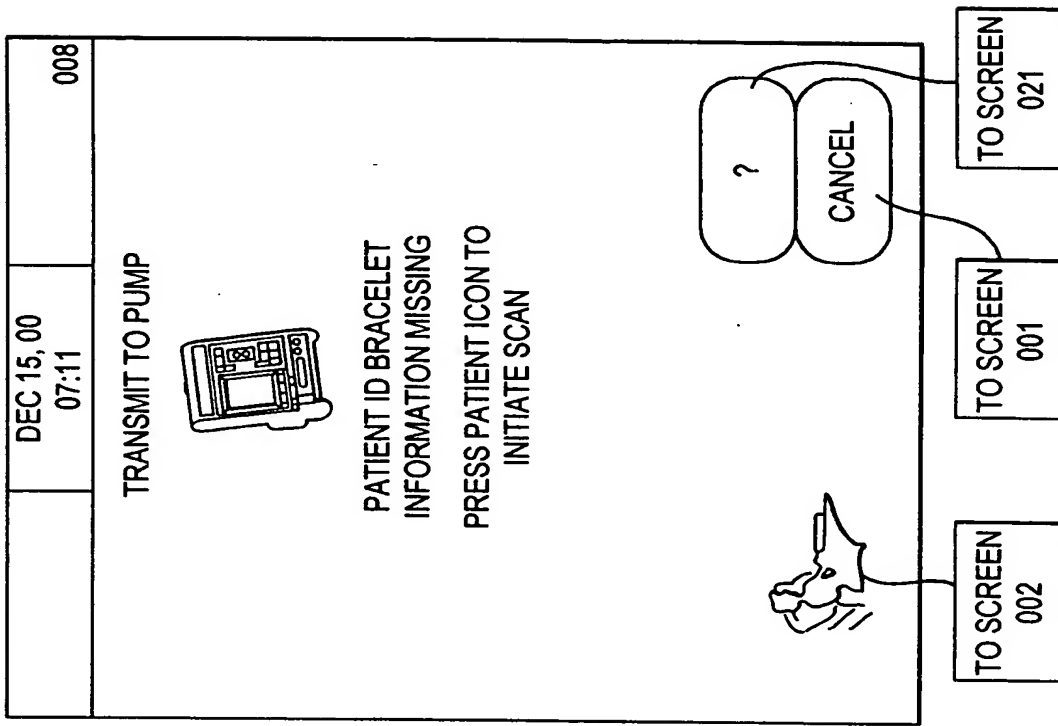


FIG. 11

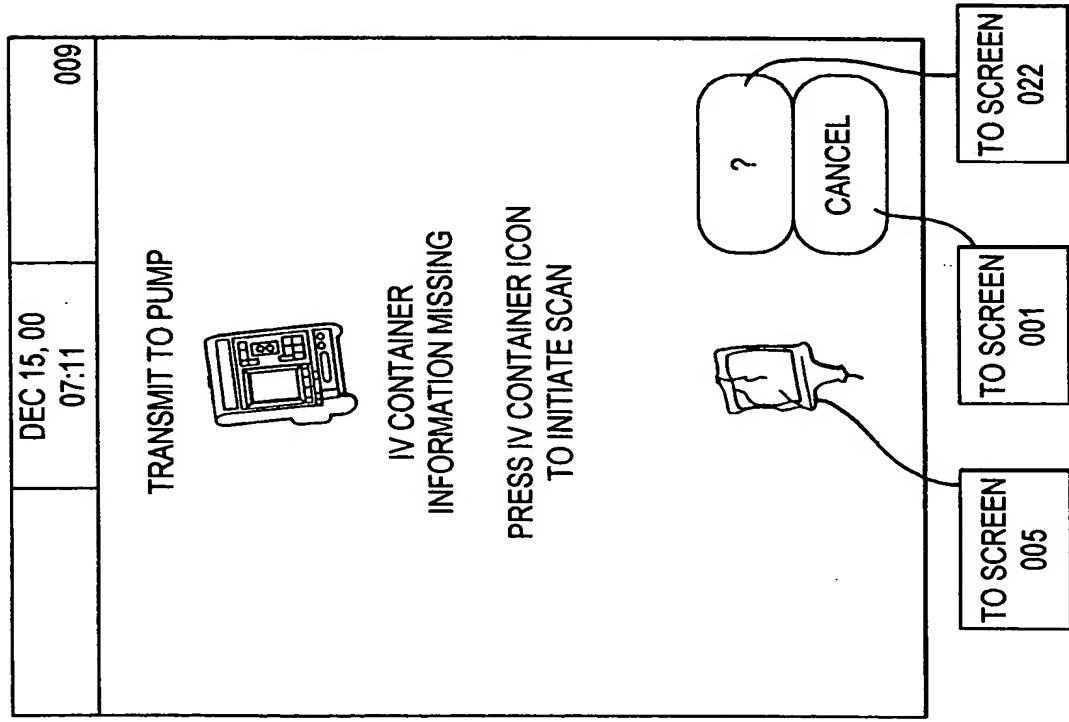


FIG. 12

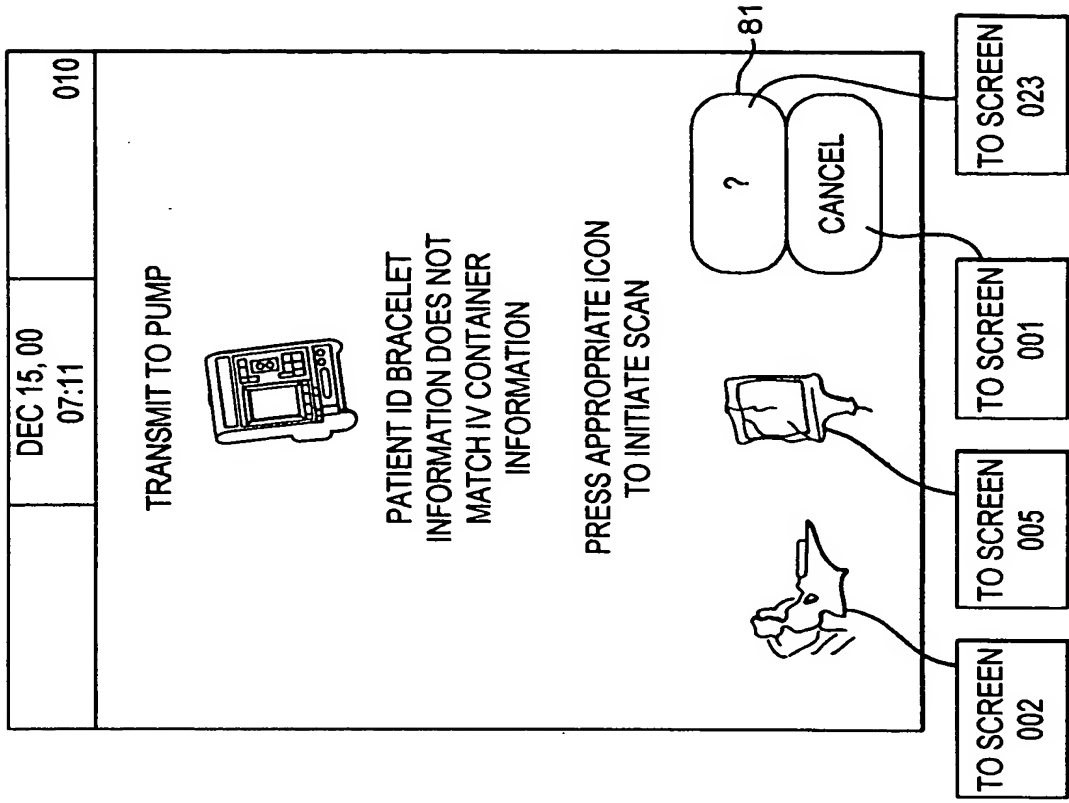


FIG. 13(a)


DEC 15, 00 07:11		
IV CONTAINER SCAN SCAN SUCCESSFULLY COMPLETED		
PATIENT ID: B0031900318 PATIENT NAME: HITCHCOCK, JAMES R WEIGHT: 75 Kg PATIENT LOCATION: ROOM 211 BED 2 ORDER #: 3265894 BAG ID: 001215-01 MEDICATION: D5W WITH 20 mEq KCl VOLUME: 1000 mL RATE: 125 mL/hr PREPARED BY: J. FROBEL 12/14/00 4:29 PM SOLUTION EXPIRES AT 7:00 PM ON 12/15/00 DELIVERY TIME TO PATIENT: 12/15/00 AT 07:00 ADMINISTRATION ROUTE: PERIPHERAL HUNG BY: J. SMITH AT: 12/15/00 07:11		
PRESS ICON TO INITIATE ACTION		 TO SCREEN 008, 009, 010, OR 011

FIG. 13(b)

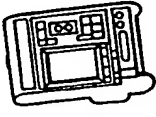
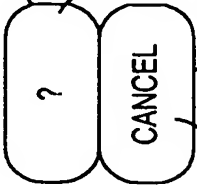
DEC 15, 00 07:11		011
TRANSMIT TO PUMP		
 PRESS LEFT OR RIGHT BUTTON TO INITIATE TRANSMISSION		
83(b)	TO SCREEN 012 OR 013	
 ? CANCEL		87
TO SCREEN 006		TO SCREEN 024

FIG. 14

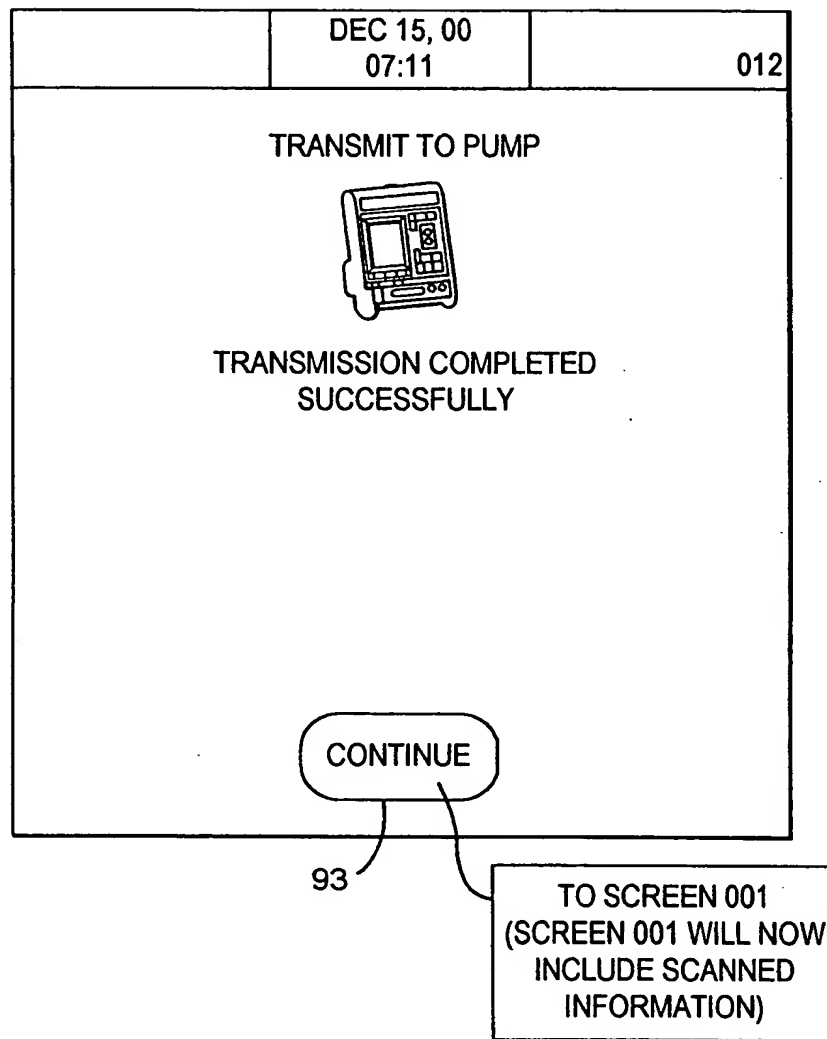


FIG. 15(a)

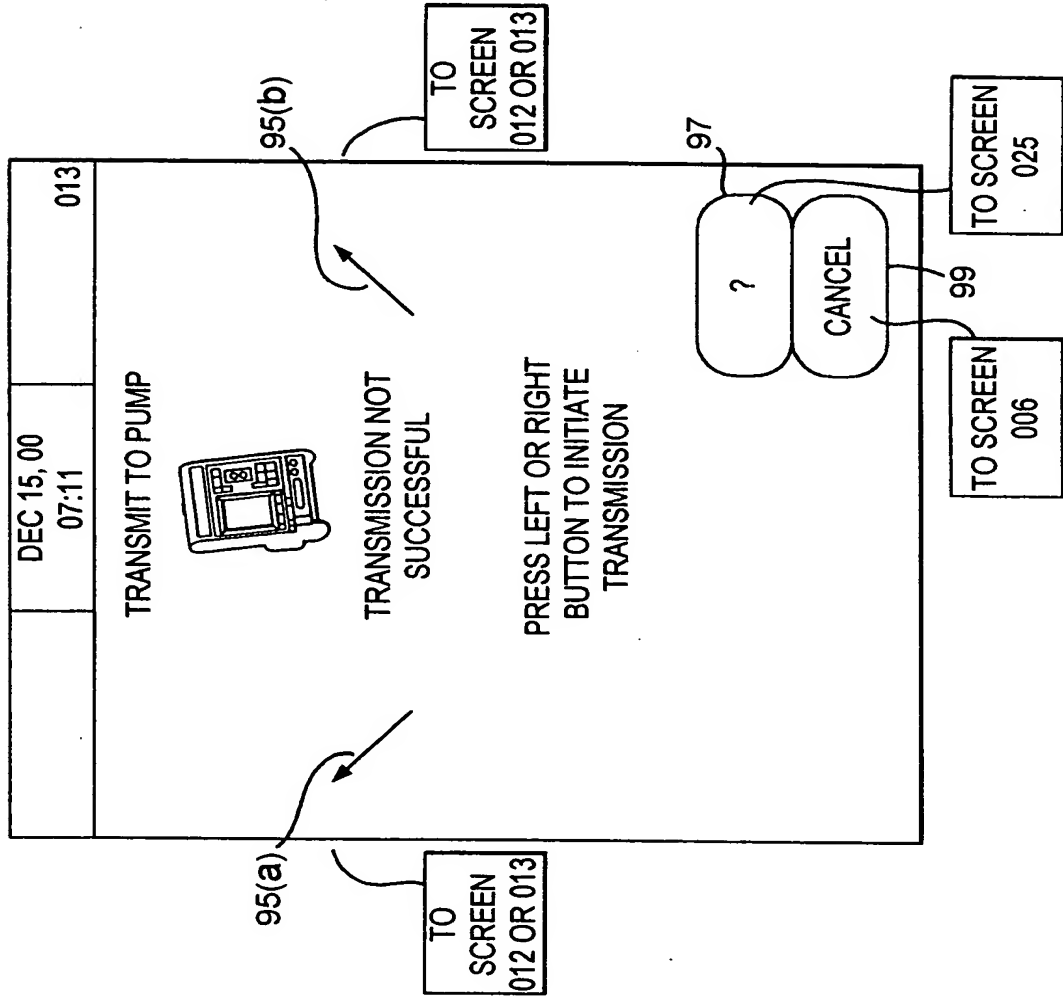


FIG. 15(b)

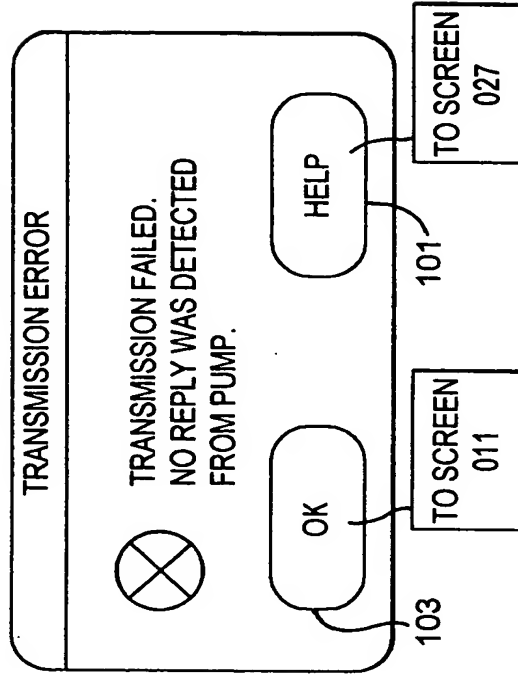


FIG. 15(c)

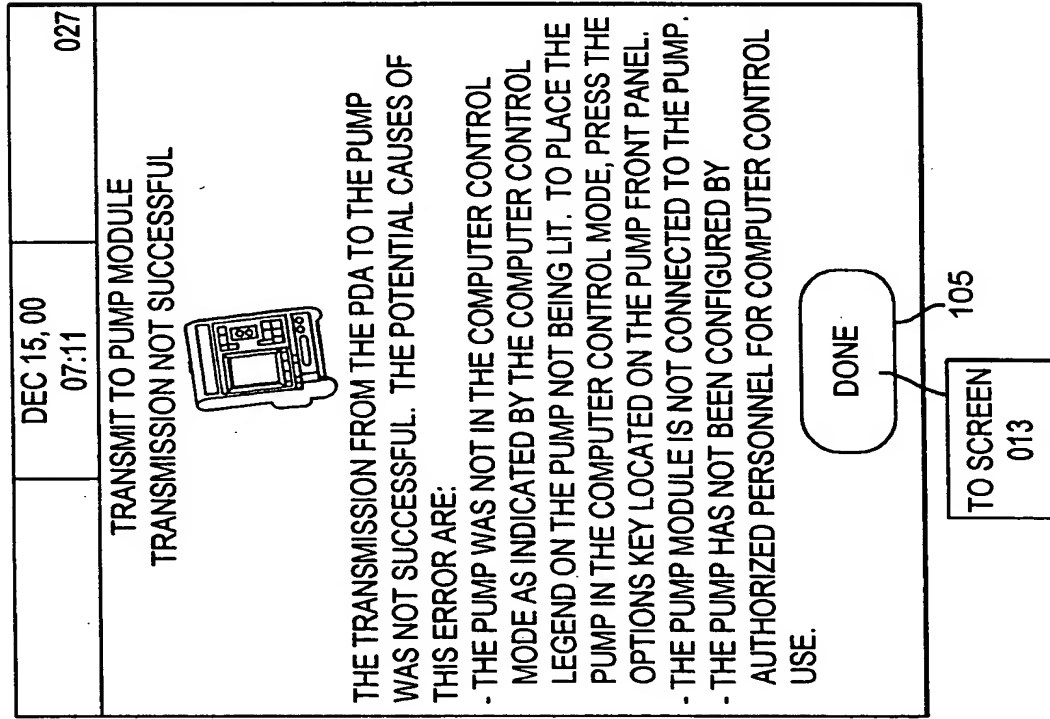


FIG. 15(d)

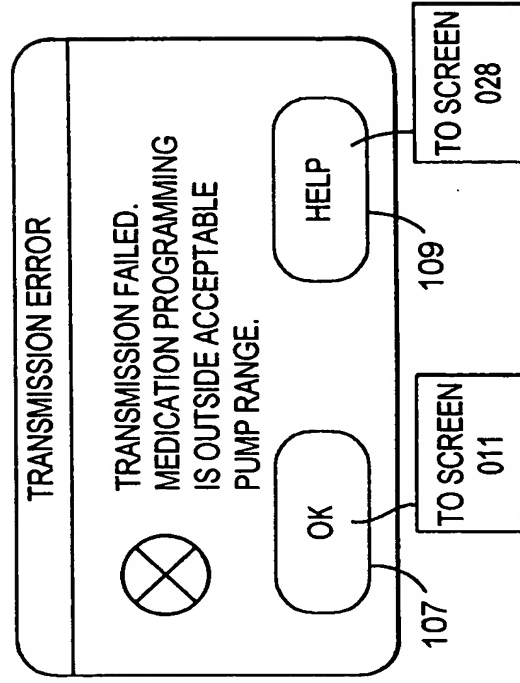


FIG. 15(e)

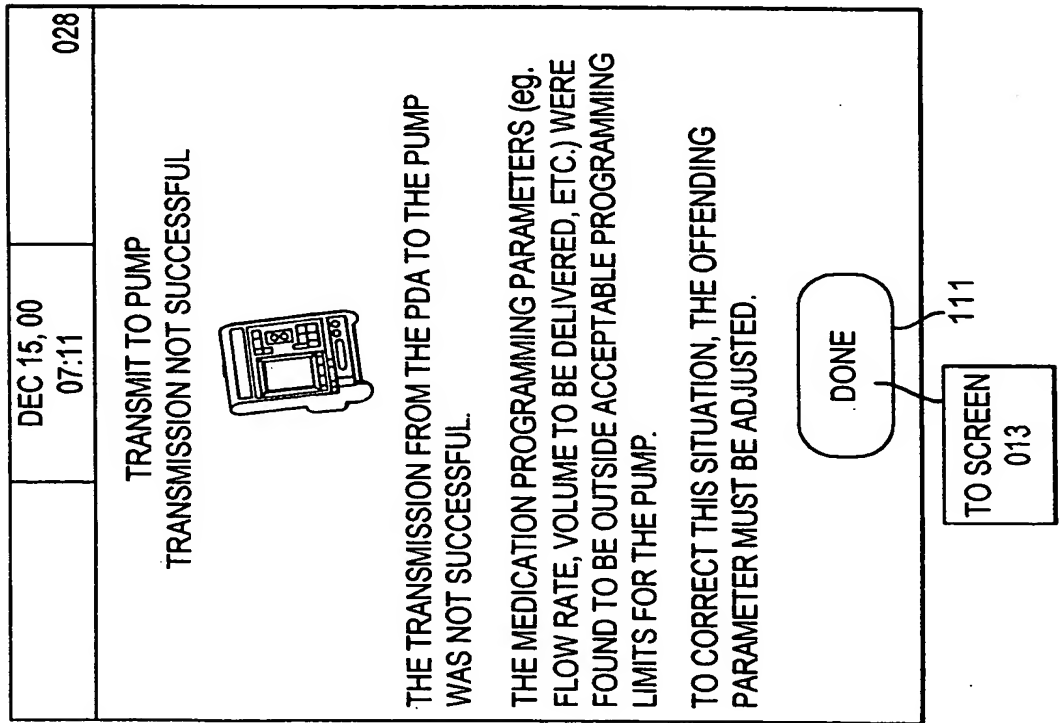


FIG. 15(f)

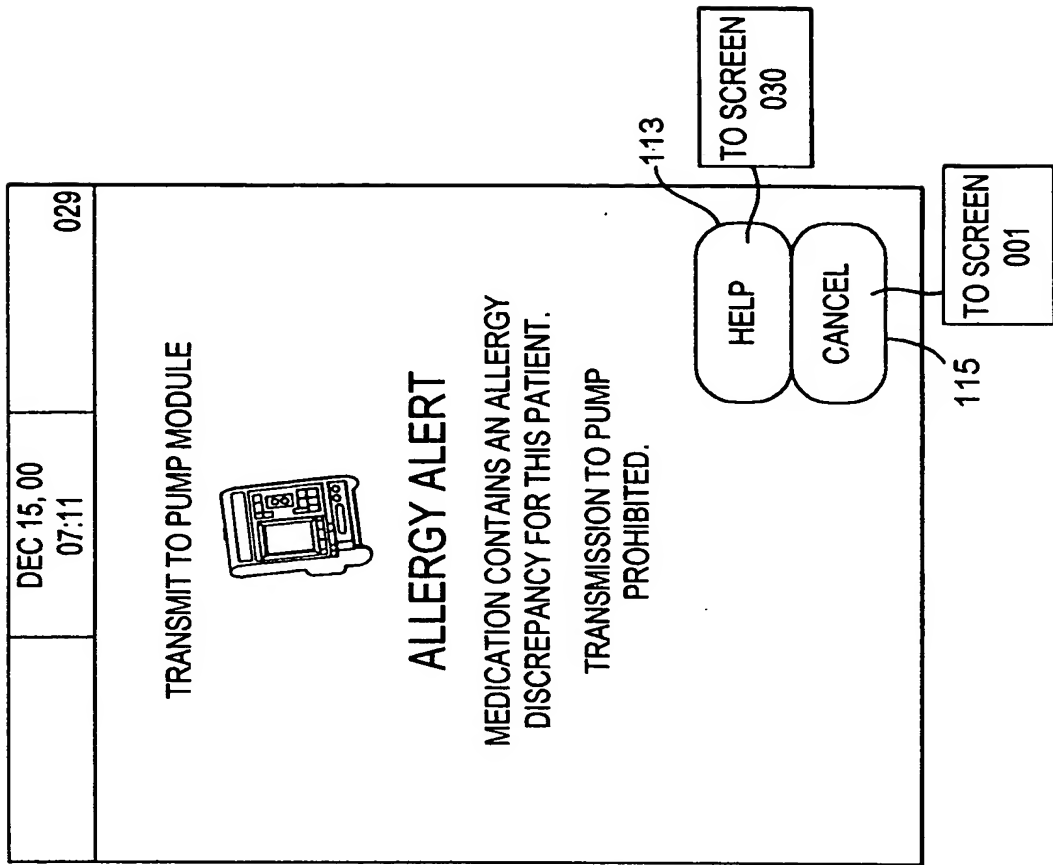


FIG. 15(g)

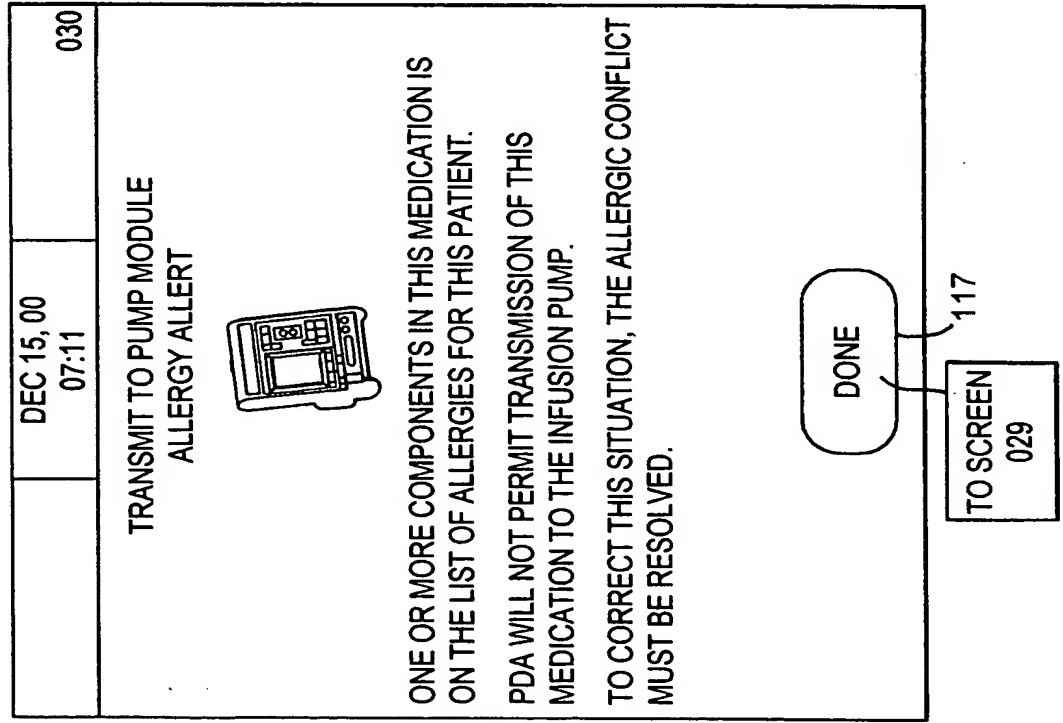


FIG. 15(h)

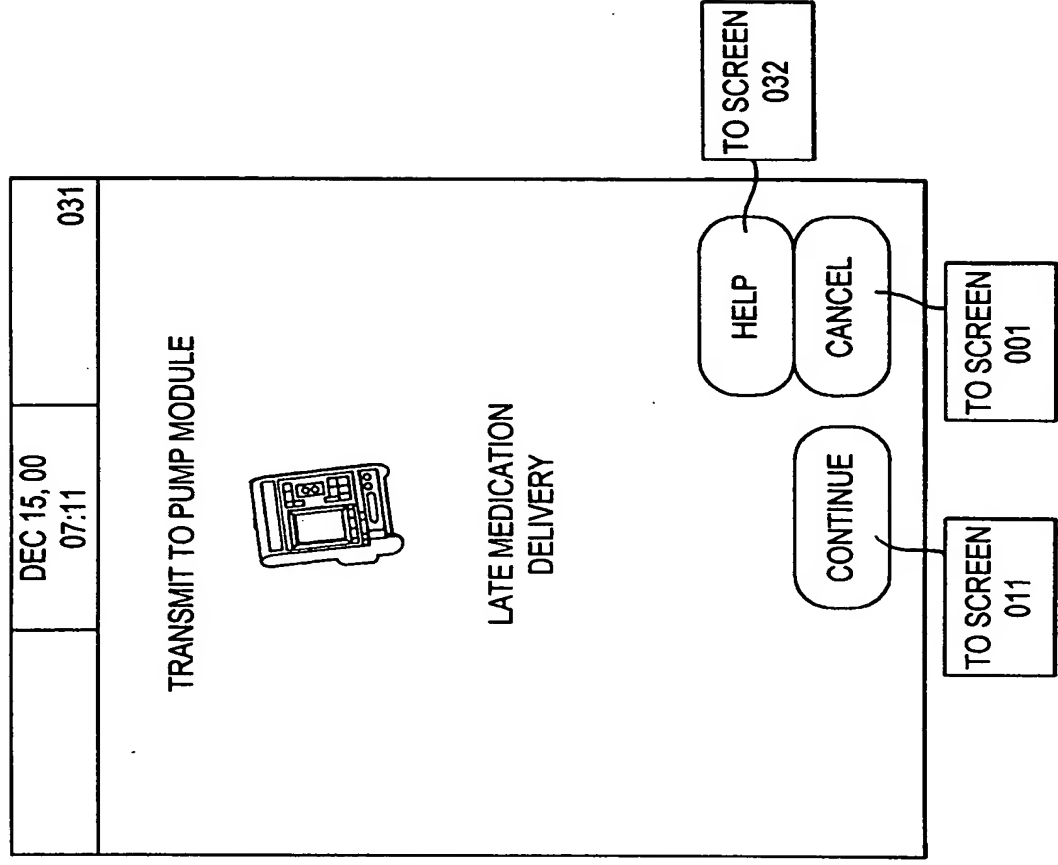


FIG. 15(i)

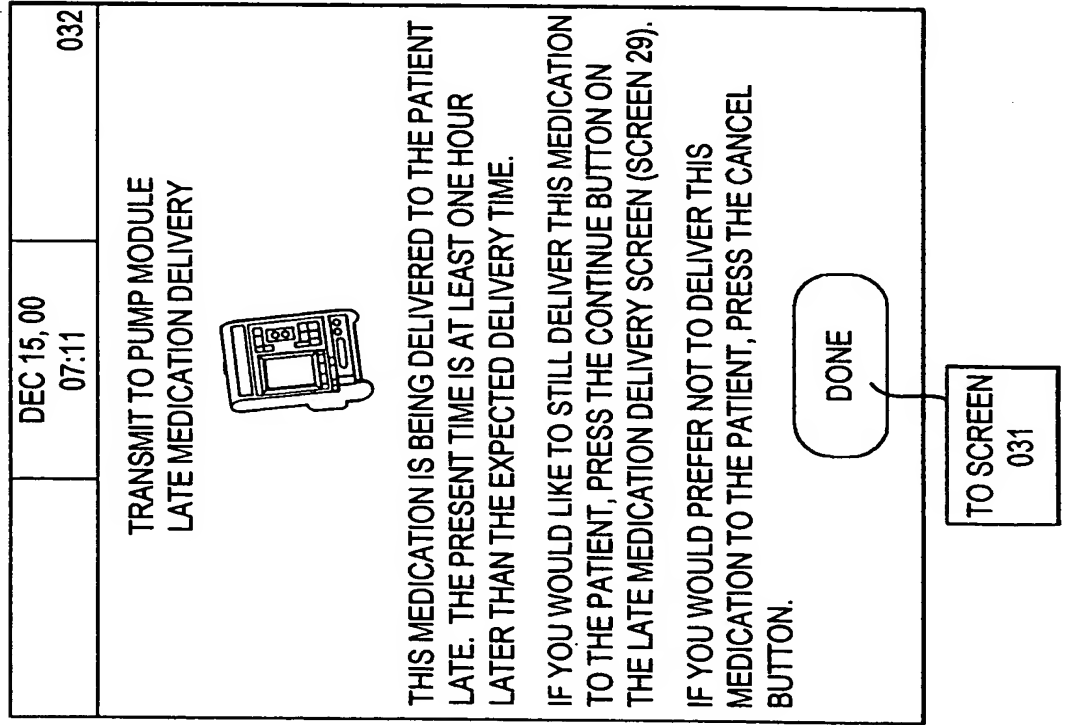


FIG. 15(j)

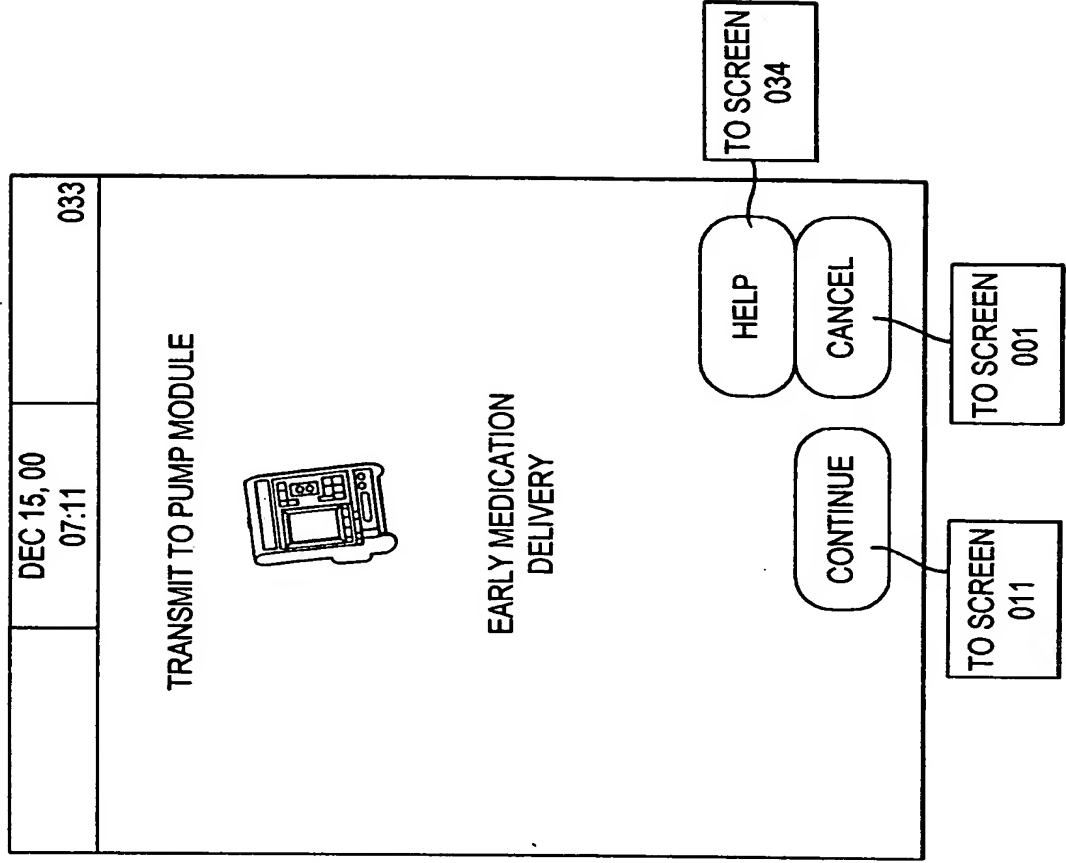



FIG. 15(k)

	DEC 15, 00 07:11	030
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TRANSMIT TO PUMP MODULE
EARLY MEDICATION DELIVERY



THIS MEDICATION IS BEING DELIVERED TO THE PATIENT
EARLY. THE PRESENT TIME IS AT LEAST ONE HOUR
EARLIER THAN THE EXPECTED DELIVERY TIME.

IF YOU WOULD LIKE TO STILL DELIVER THIS MEDICATION
TO THE PATIENT, PRESS THE CONTINUE BUTTON ON
THE EARLY MEDICATION DELIVERY SCREEN
(SCREEN 29).

IF YOU WOULD PREFER NOT TO DELIVER THIS
MEDICATION TO THE PATIENT, PRESS THE CANCEL
BUTTON.

DONE

TO SCREEN
033

FIG. 16

	DEC 15, 00 07:11	014
<p>PATIENT ID: B0031900318</p> <p>PATIENT NAME: HITCHCOCK, JAMES R WEIGHT: 75Kg</p> <p>PATIENT LOCATION: ROOM 211 BED 2</p> <p>MEDICAL RECORD #: 863291</p> <p>DATE OF BIRTH: 0711/79 AGE: 21 YEARS</p> <p>DATE OF ADMISSION: 11/15/00 SEX: M</p> <p>PRIMARY PHYSICIAN: DR. BUI</p>		
<p>CONTINUE</p>		<p>TO LAST ACTIVE SCREEN</p>

FIG. 17

	DEC 15, 00 07:11	015
<p>PATIENT INFORMATION HELP</p> <p>TO SCAN THE PATIENT'S ID BRACELET:</p> <ol style="list-style-type: none"> 1. AIM THE BAR CODE SCANNER HEAD AT THE BAR CODE LOCATED ON THE PATIENT ID BRACELET. 2. POSITION THE BAR CODE SCANNER WINDOW FROM ONE TO FIVE INCHES FROM THE BAR CODE. 3. PRESS THE LEFT OR RIGHT BUTTON TO INITIATE THE PATIENT ID BRACELET SCAN. 		
<p>CANCEL</p>		<p>TO SCREEN 002</p>

FIG. 18

	DEC 15, 00 07:11	016
<p>PATIENT ID: B0031900318</p> <p>PATIENT NAME: HITCHCOCK, JAMES R WEIGHT: 75 KG</p> <p>PATIENT LOCATION: ROOM 211 BED 2</p> <p>ORDER #: 3265894 BAG ID: 001215-01</p> <p>MEDICATION: D5W WITH 20 mEq KCl</p> <p>VOLUME: 1000 mL RATE: 125 mL/hr</p> <p>PREPARED BY: J. FROBEL 12/14/00 4:29 PM</p> <p>SOLUTION EXPIRES AT 7:00 PM ON 12/15/00</p> <p>DELIVERY TIME TO PATIENT: 12/15/00 AT 07:00</p> <p>ADMINISTRATION ROUTE: PERIPHERAL</p> <p>HUNG BY: J. SMITH AT: 12/15/00 07:11</p>		

TO LAST ACTIVE SCREEN

CONTINUE

FIG. 19

	DEC 15, 00 07:11	017
<p>IV CONTAINER INFORMATION</p> <p>HELP</p> <p>TO SCAN THE IV CONTAINER BAR CODE:</p> <ol style="list-style-type: none"> 1. AIM THE BAR CODE SCANNER HEAD AT THE BAR CODE LOCATED ON THE IV CONTAINER LABEL 2. POSITION THE BAR CODE SCANNER WINDOW FROM ONE TO FIVE INCHES FROM THE BAR CODE 3. PRESS THE LEFT OR RIGHT BUTTON TO INITIATE THE IV CONTAINER LABEL SCAN 		

TO SCREEN 005

CANCEL

FIG. 20

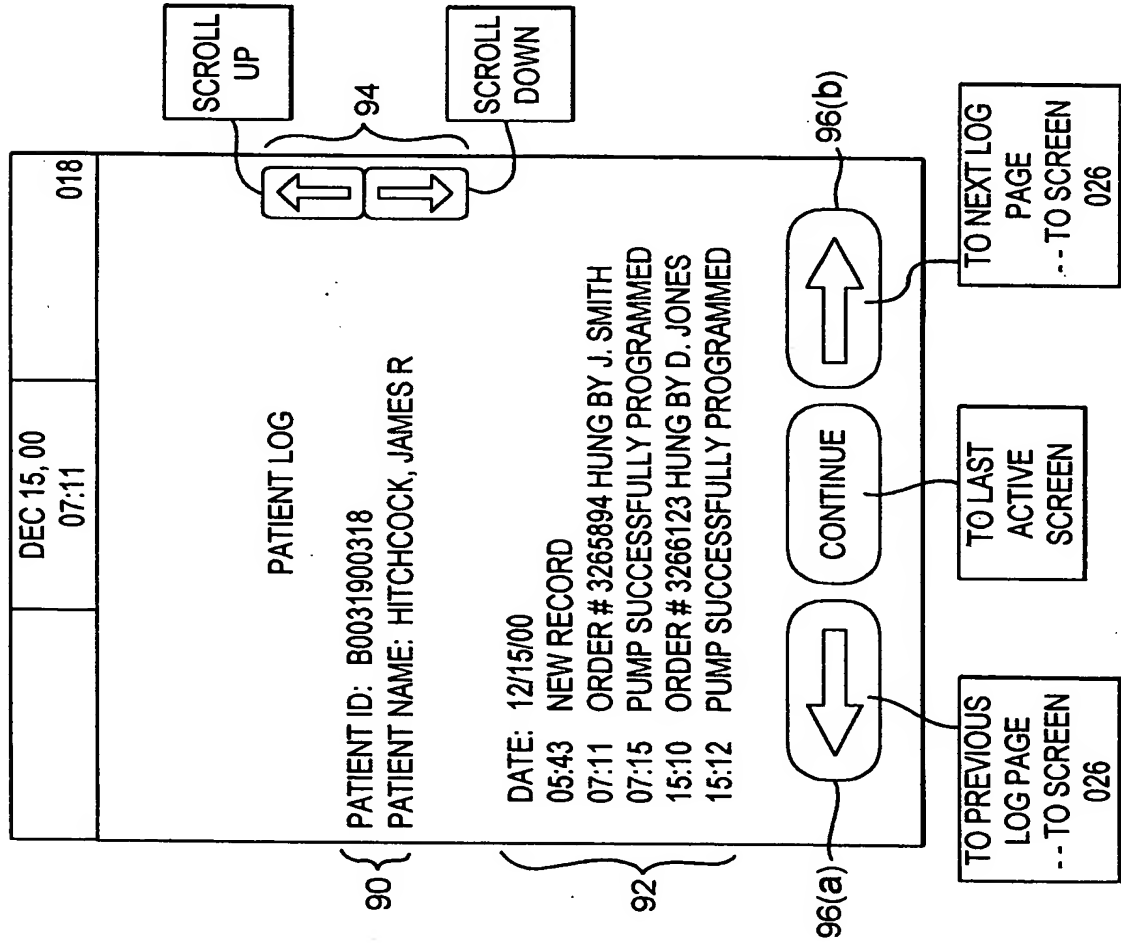


FIG. 21

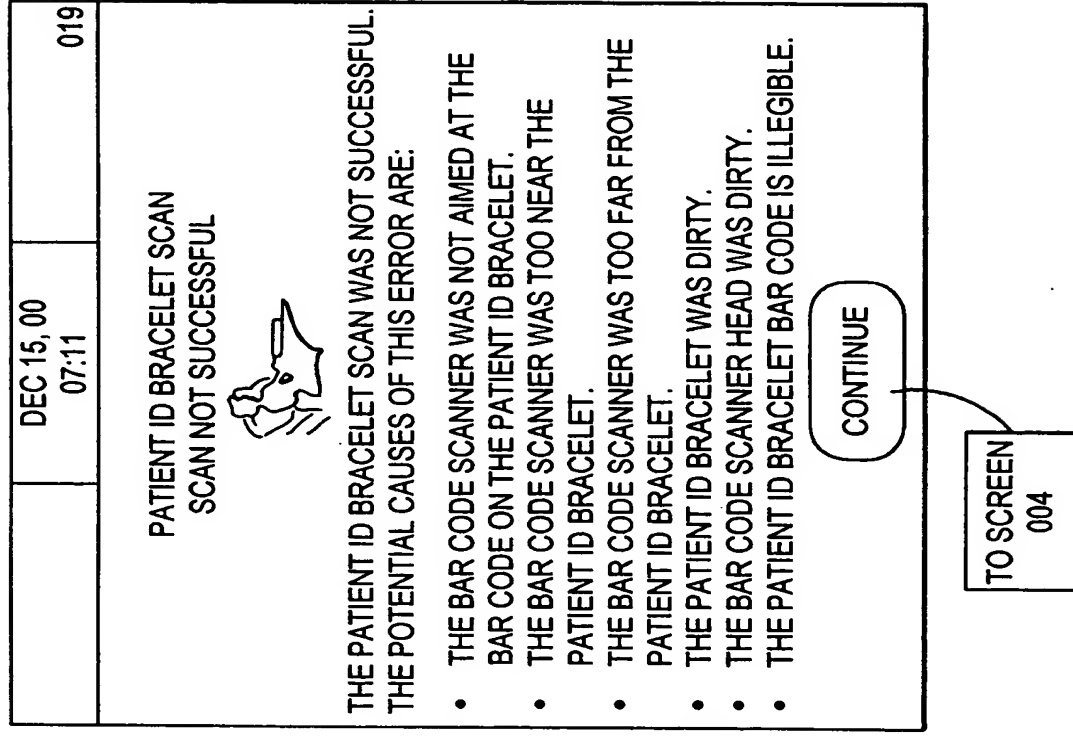



FIG. 22

DEC 15, 00 07:11	020
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IV CONTAINER LABEL SCAN
SCAN NOT SUCCESSFUL



THE IV CONTAINER LABEL SCAN WAS NOT SUCCESSFUL.
THE POTENTIAL CAUSES OF THIS ERROR ARE:

- THE BAR CODE SCANNER WAS NOT AIMED AT THE BAR CODE ON THE IV CONTAINER LABEL.
- THE BAR CODE SCANNER WAS TOO NEAR THE IV CONTAINER LABEL.
- THE BAR CODE SCANNER WAS TOO FAR FROM THE IV CONTAINER LABEL.
- THE IV CONTAINER LABEL WAS DIRTY.
- THE BAR CODE SCANNER HEAD WAS DIRTY.
- THE IV CONTAINER LABEL BAR CODE IS ILLEGIBLE.

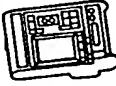
CONTINUE

TO SCREEN 007

FIG. 23

DEC 15, 00 07:11	021
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TRANSMIT TO PUMP
PATIENT ID BRACELET
INFORMATION MISSING



IN ORDER TO TRANSMIT INFORMATION TO THE PUMP BOTH THE PATIENT ID BRACELET AND IV CONTAINER INFORMATION MUST BE PRESENT AND CORRESPOND TO EACH OTHER.

THE PATIENT ID BRACELET INFORMATION WAS FOUND TO BE MISSING.

TO CORRECT THIS SITUATION, SCAN THE PATIENT BRACELET BAR CODE INFORMATION INTO THE PALM PILOT.

CONTINUE

TO SCREEN 008

FIG. 24

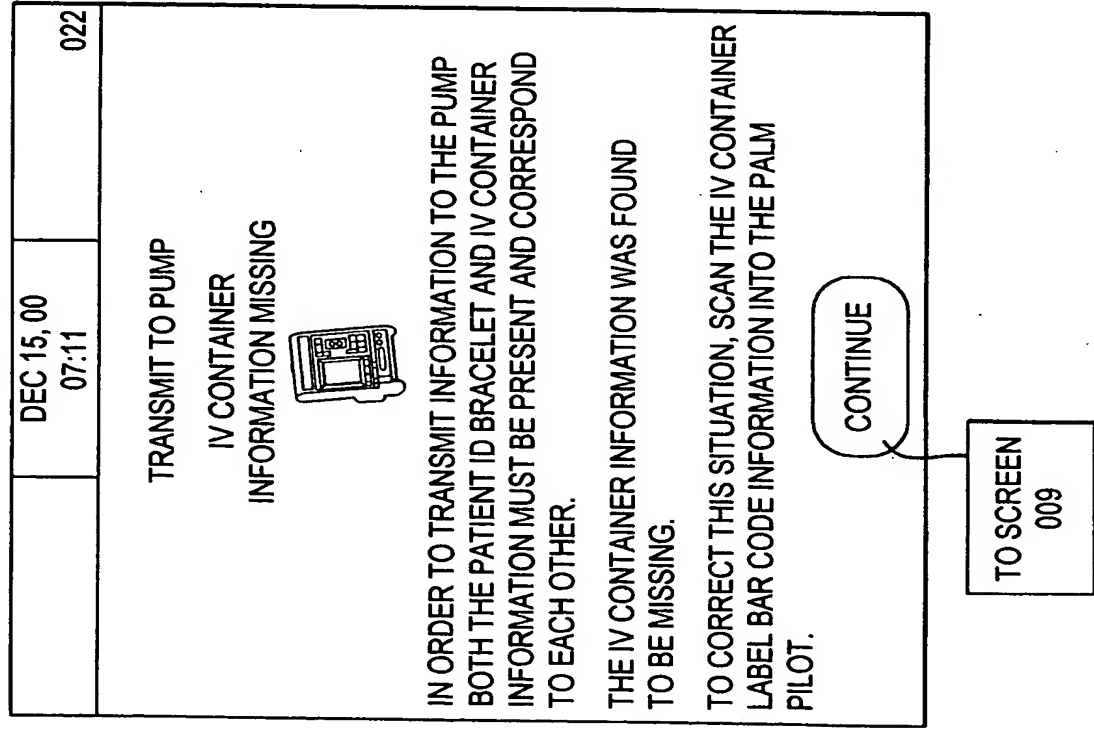


FIG. 25

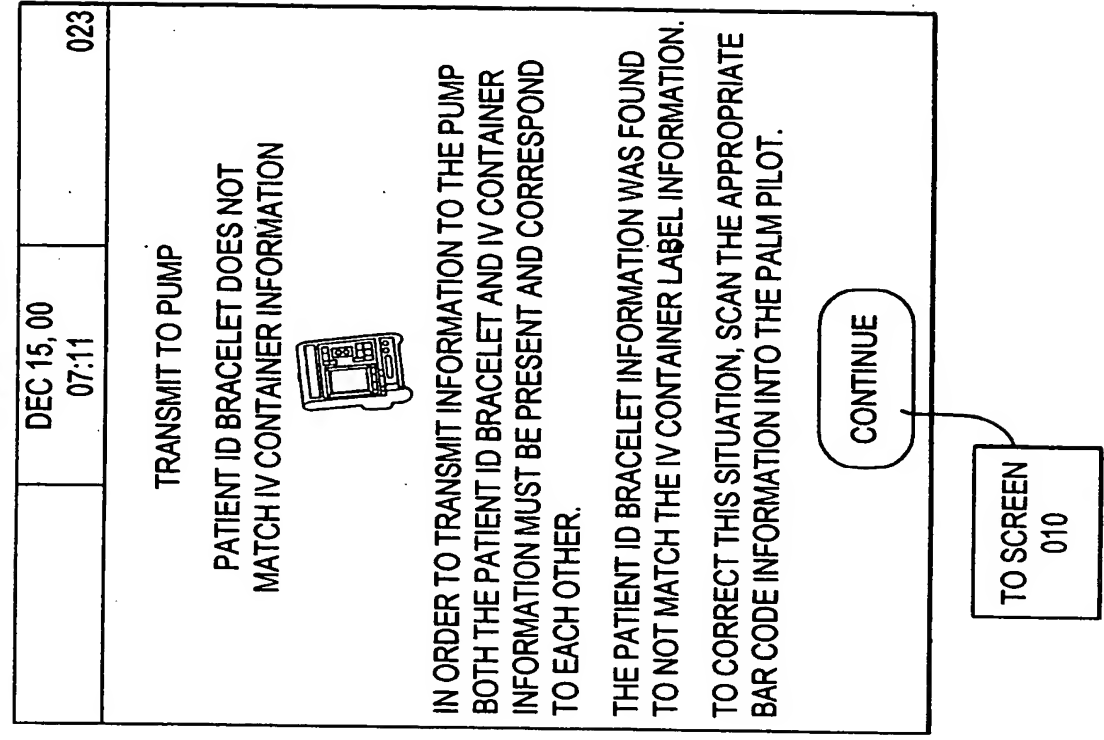


FIG. 26

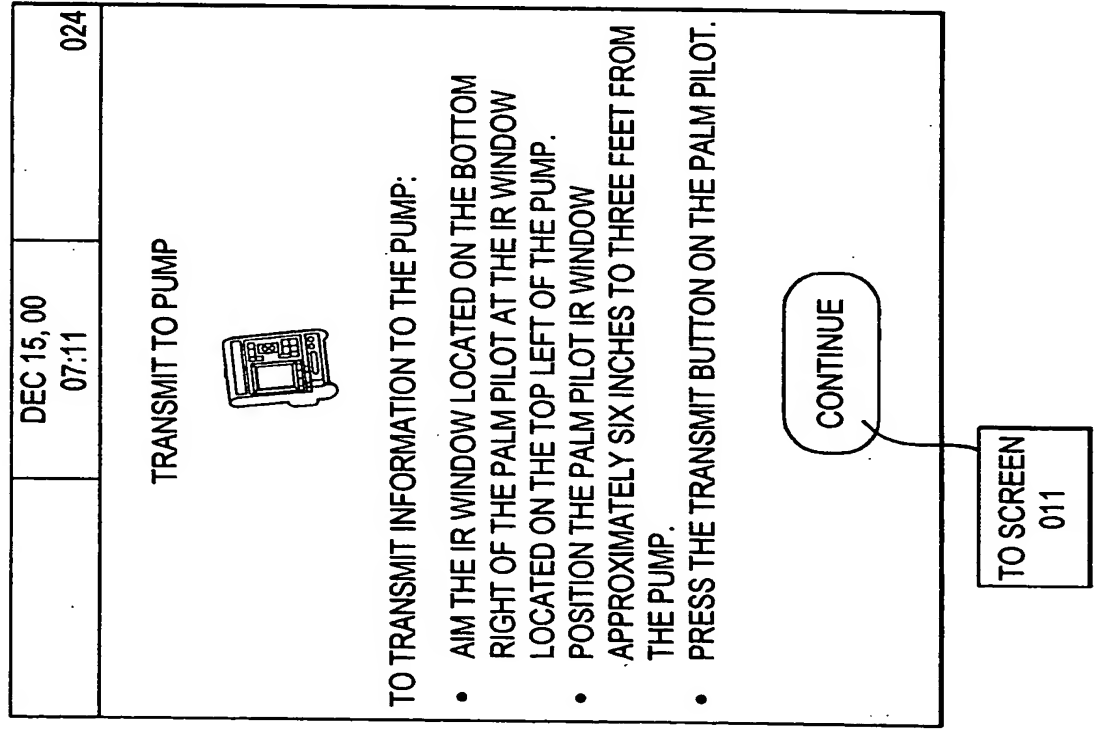


FIG. 27

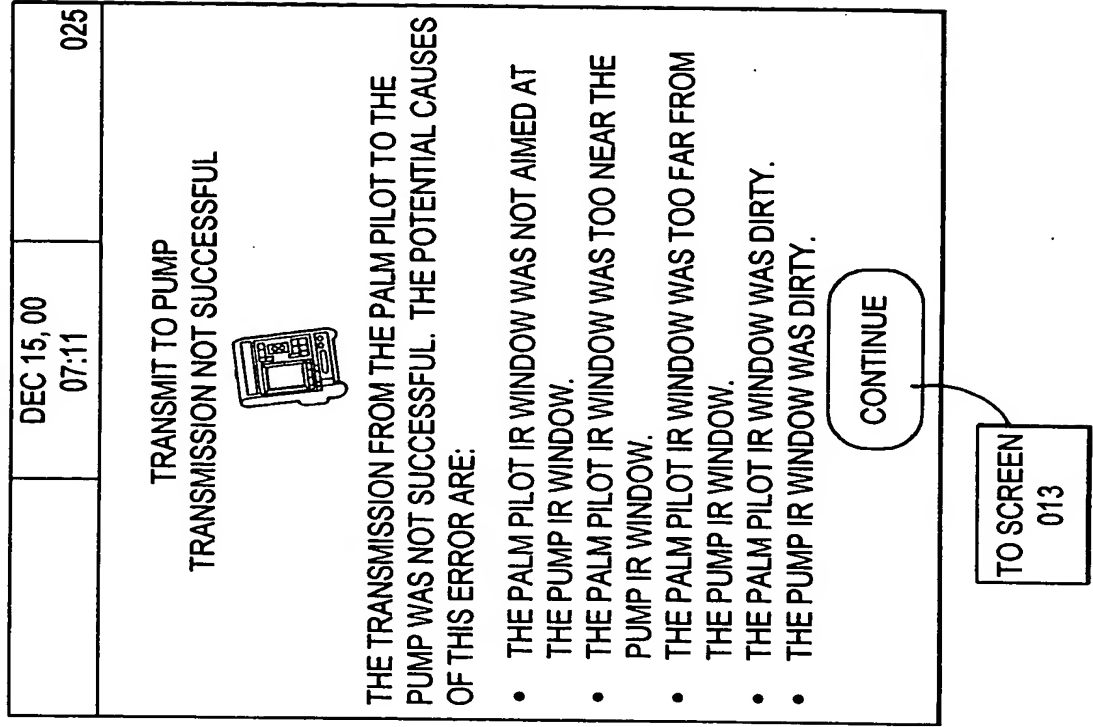


FIG. 28

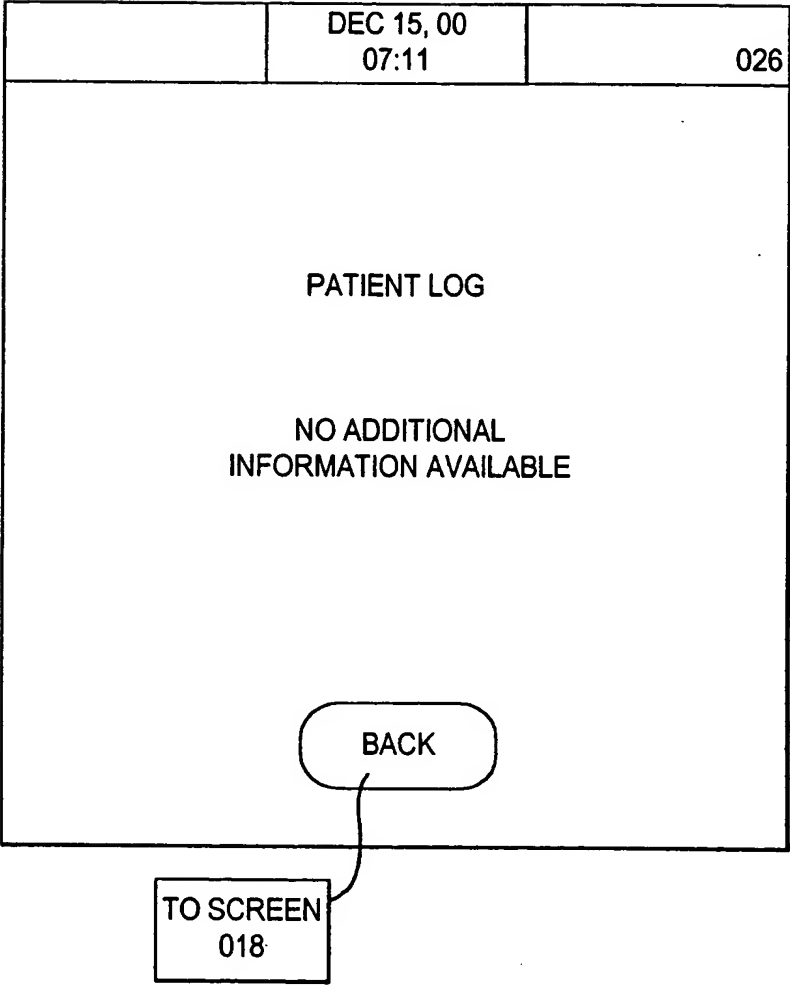


FIG. 29(a)

	DEC 15, 00 07:11	035
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IV CONTAINER SCAN

PATIENT ID: B0031900318

NAME: HITCHCOCK, JAMES R

LOCATION: ROOM 211 BED 2

WEIGHT: 75 Kg

ORDER #: 3265894

BAG ID: 001215-01

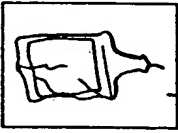
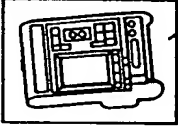
SEC MEDICATION: ZYTHROMAX

VOLUME: 50 mL RATE: 50 mL/hr

DELIVERY TO PATIENT: 12/15/00 AT 7:00

TAP THE APPROPRIATE
ICON TO CONTINUE

PAGE 2

TO SCREEN 036

TO SCREEN 005

TO SCREEN 008, 009, 010 or 011

FIG. 29(b)

	DEC 15, 00 07:11	036
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IV CONTAINER SCAN

PATIENT ID: B0031900318

NAME: HITCHCOCK, JAMES R

LOCATION: ROOM 211 BED 2

WEIGHT: 75 Kg

PREPARED BY: J. FROBEL


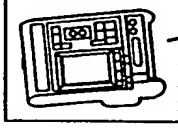
SOLUTION EXPIRES: 7:00 PM ON 12/15/00

TO BE DELIVERED WITH: BAG ID 001215-01

ADMINISTRATION ROUTE: PERIPHERAL

TAP THE APPROPRIATE
ICON TO CONTINUE

PAGE 1

TO SCREEN 035

TO SCREEN 005

TO SCREEN 008, 009, 010 or 011

FIG. 30(a)

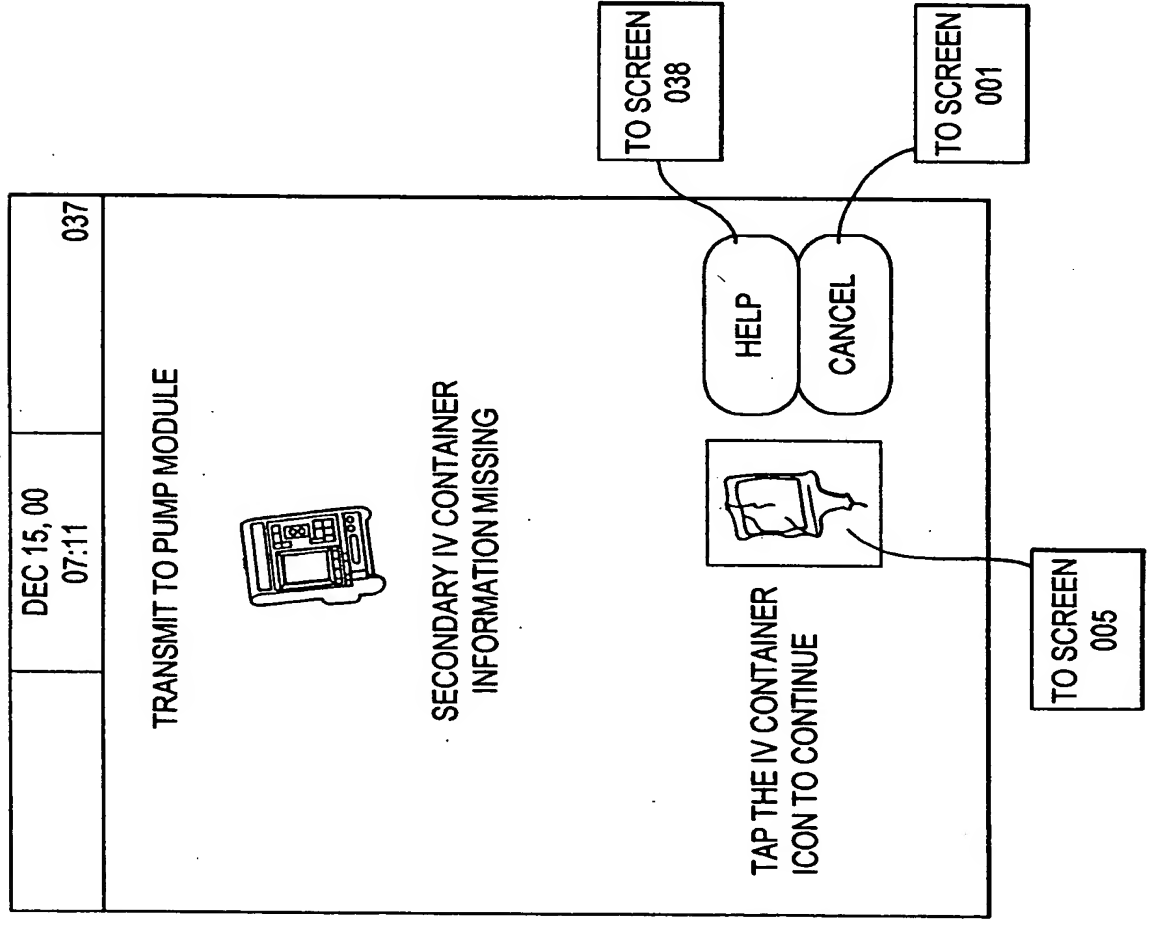


FIG. 30(b)

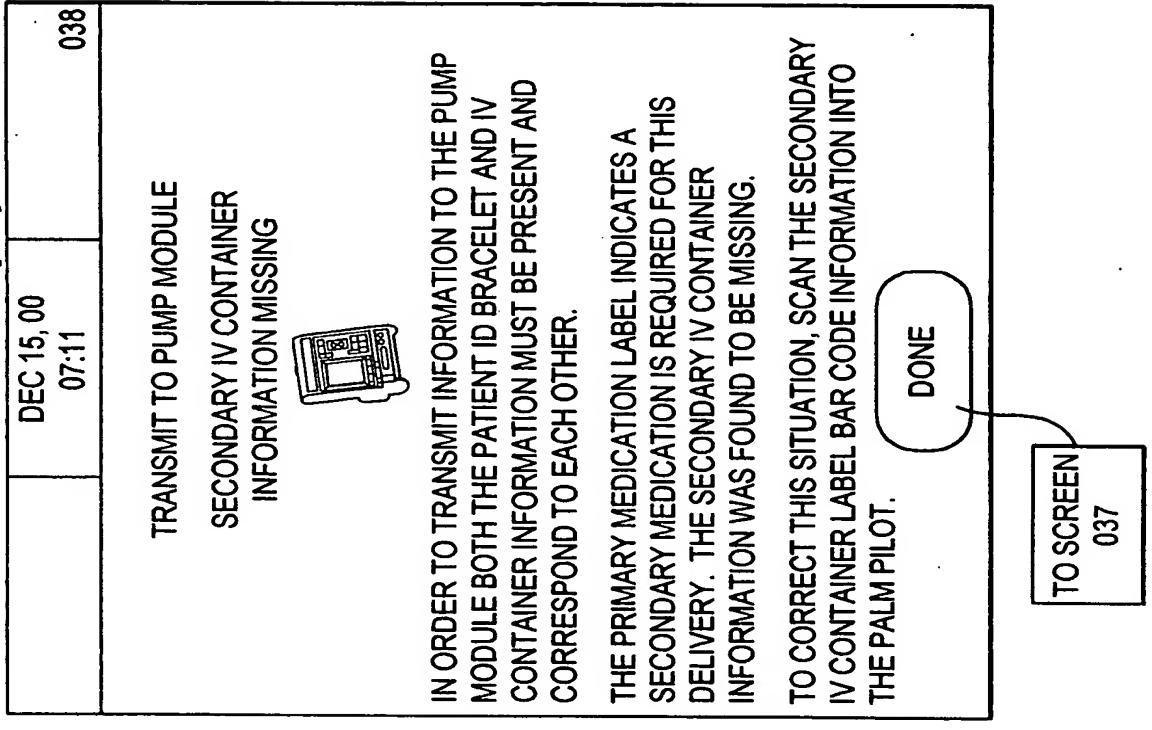


FIG. 31(a)

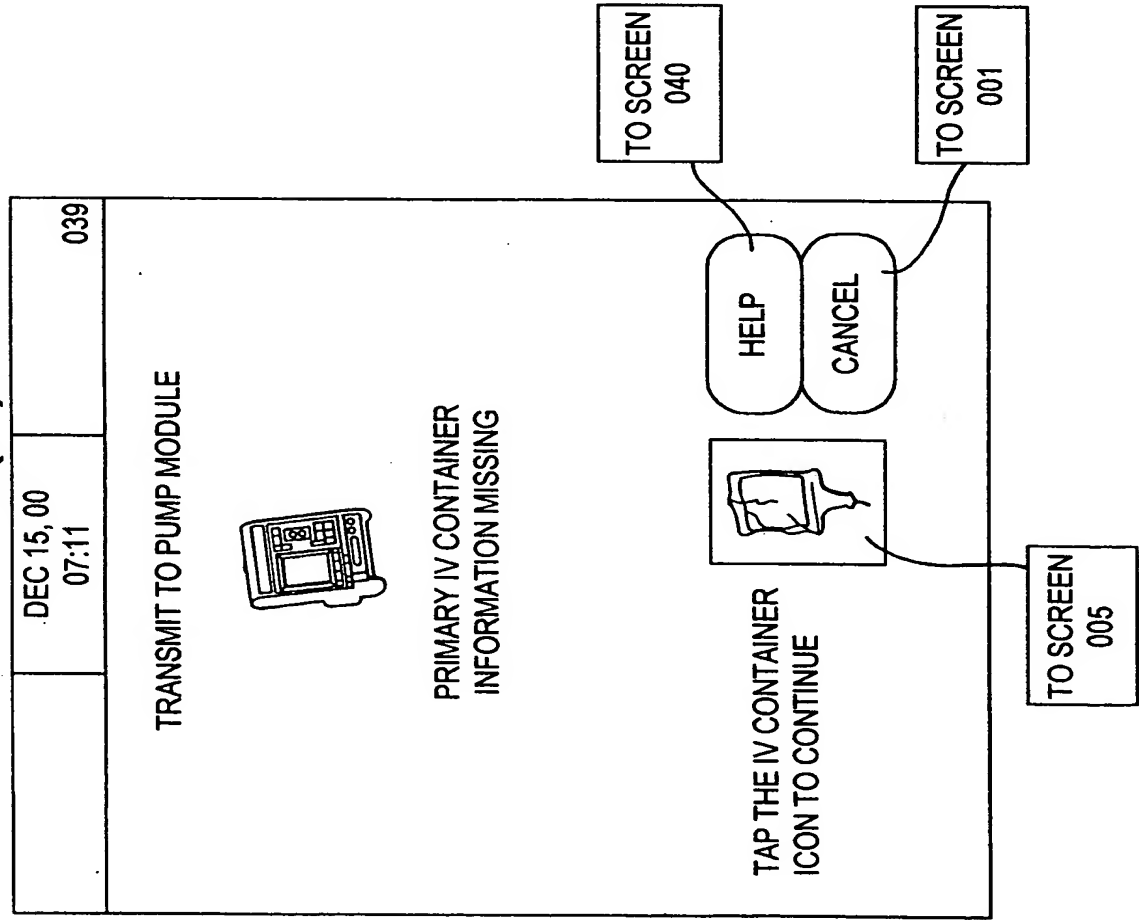


FIG. 31(b)

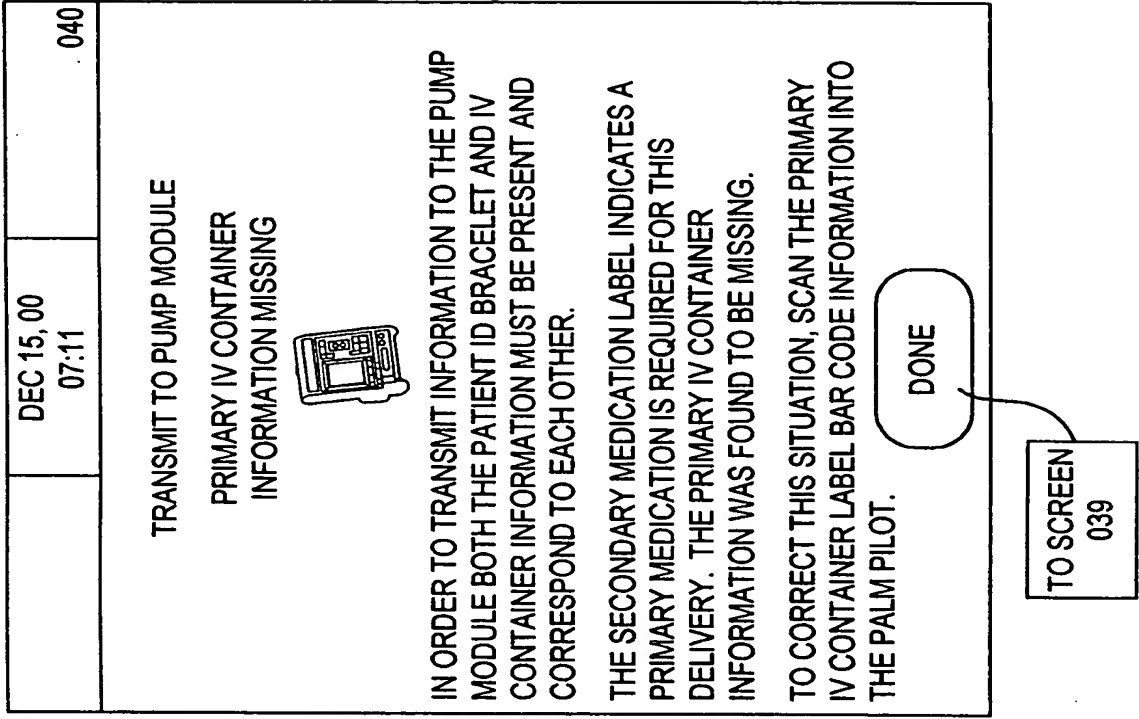


FIG. 32(a)

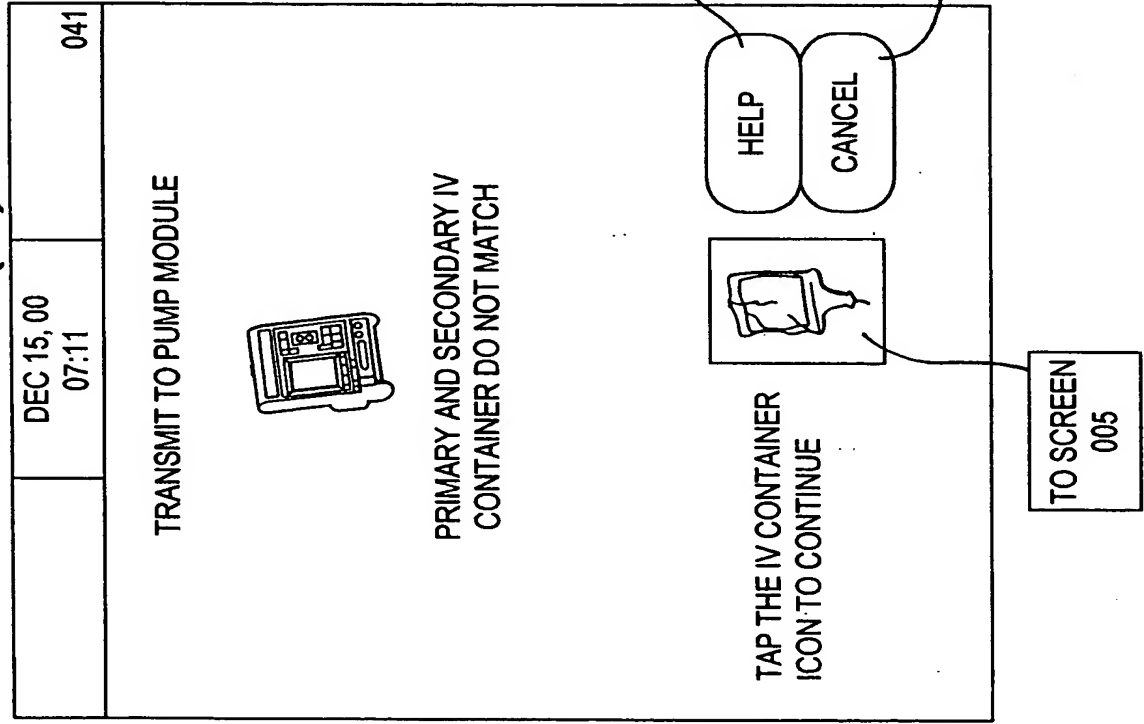


FIG. 32(b)

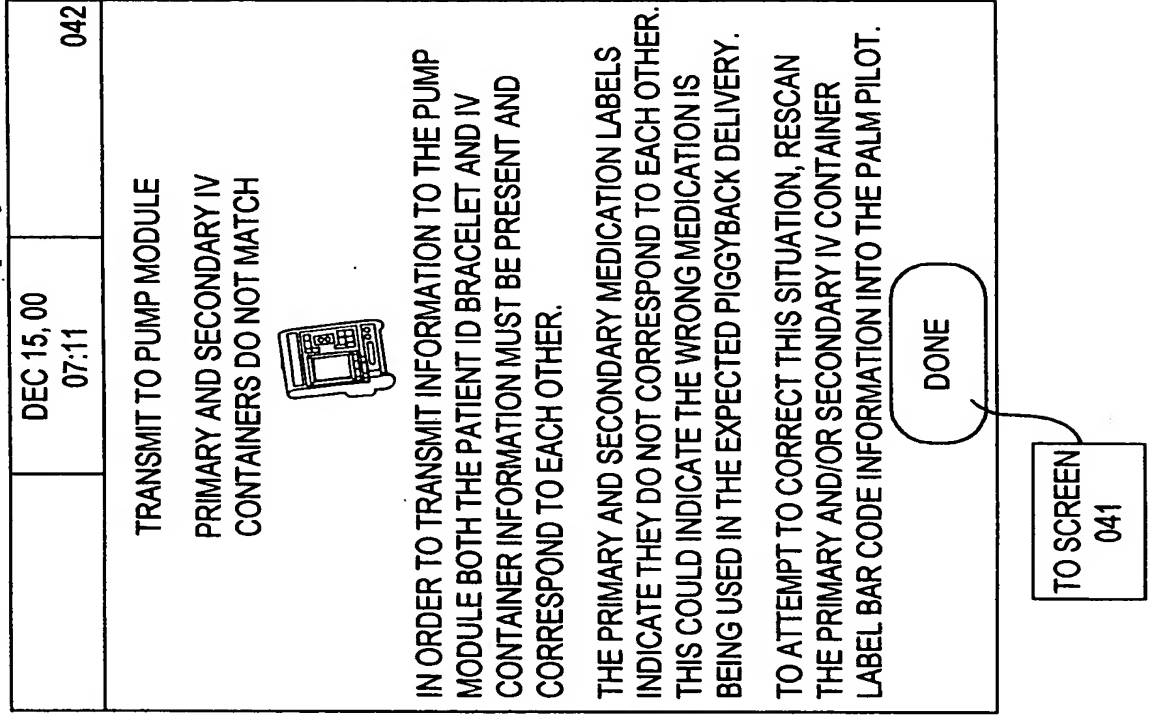


FIG. 33

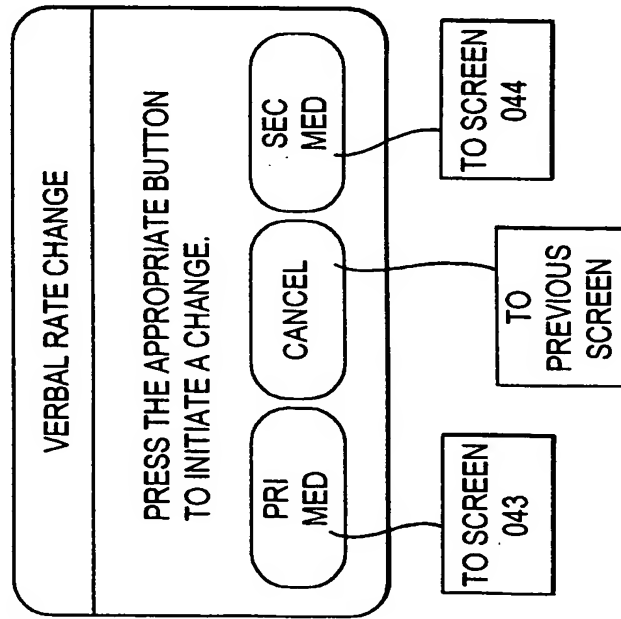


FIG. 34(a)

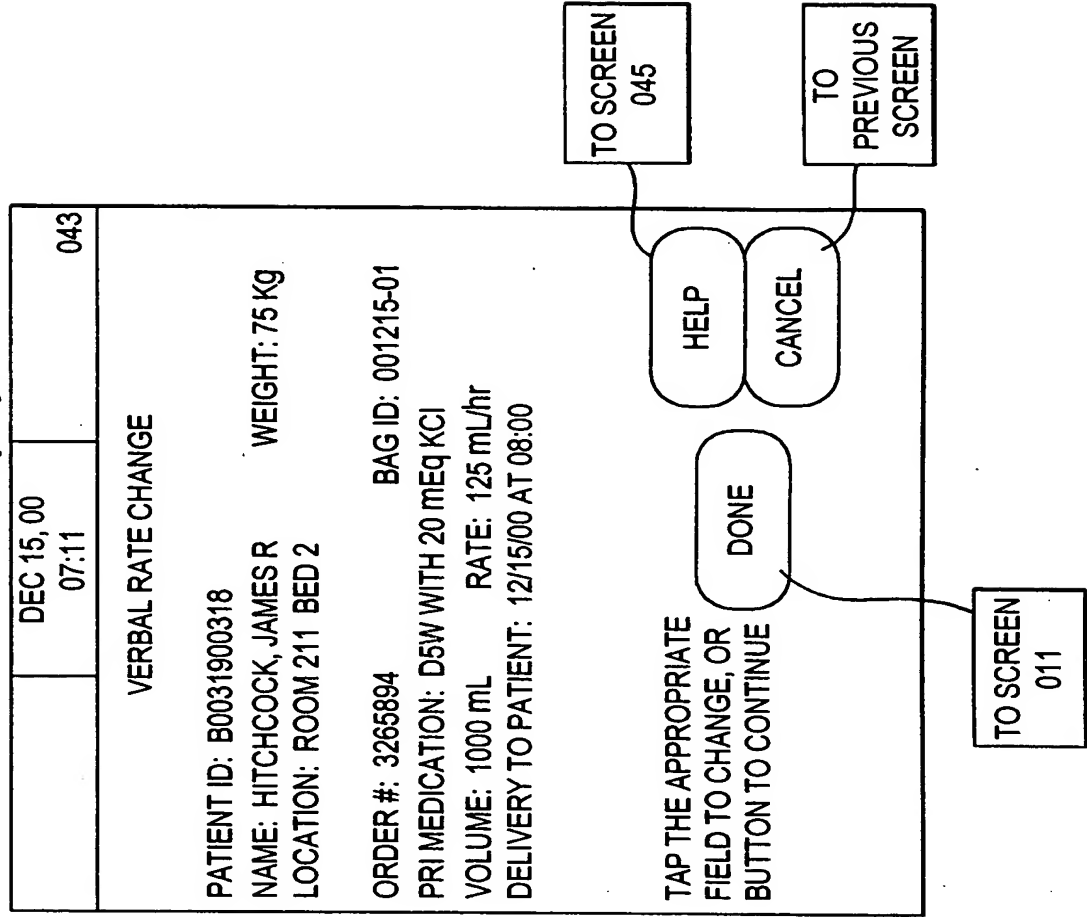


FIG. 34(b)

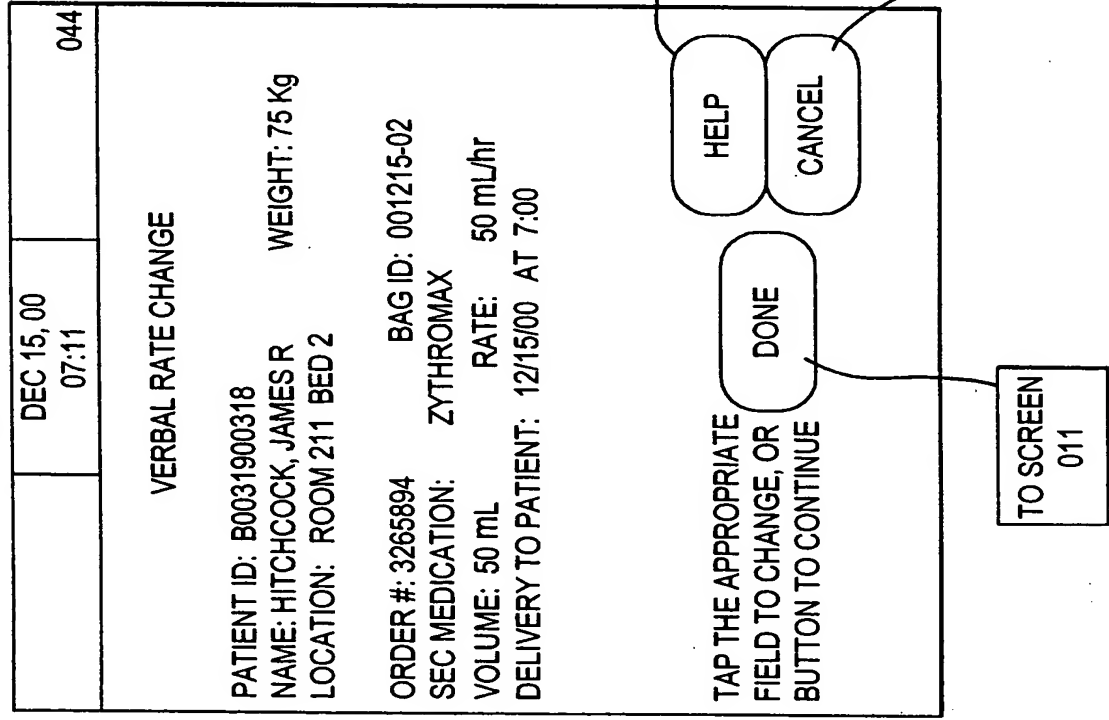
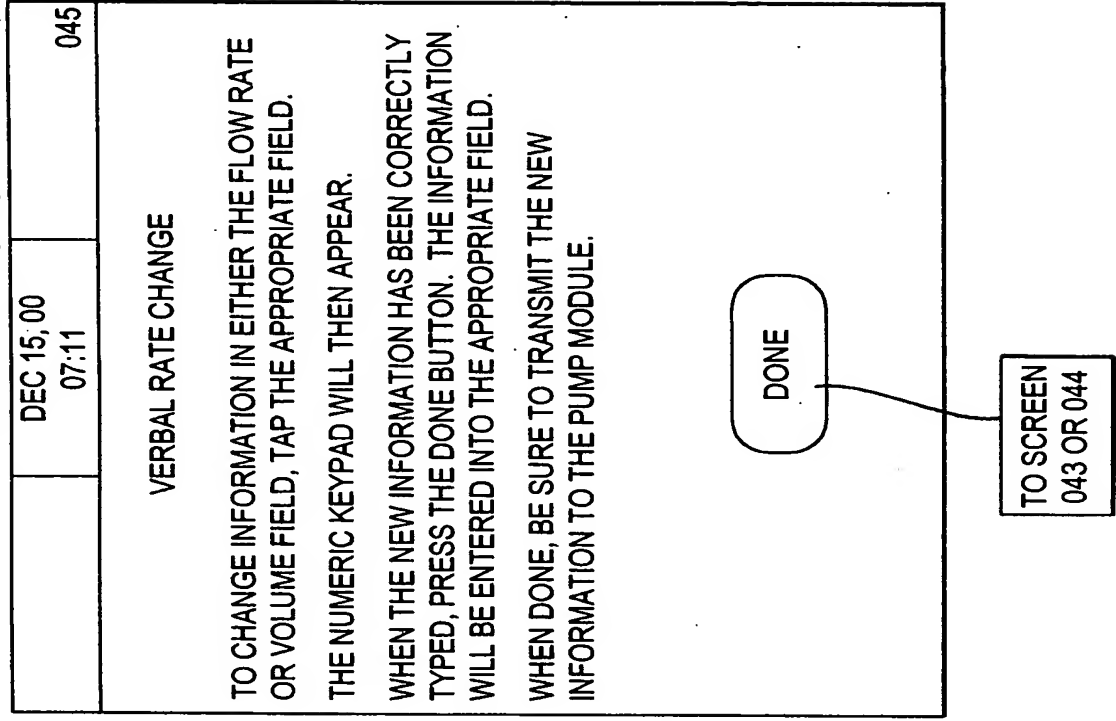


FIG. 34(c)



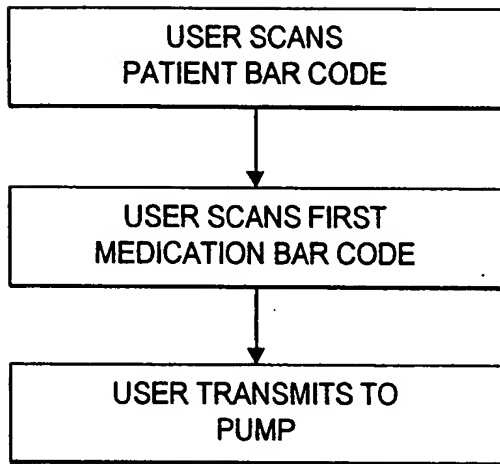


FIG. 35

END RESULT: SYSTEM OPERATES

FIG. 36(a)

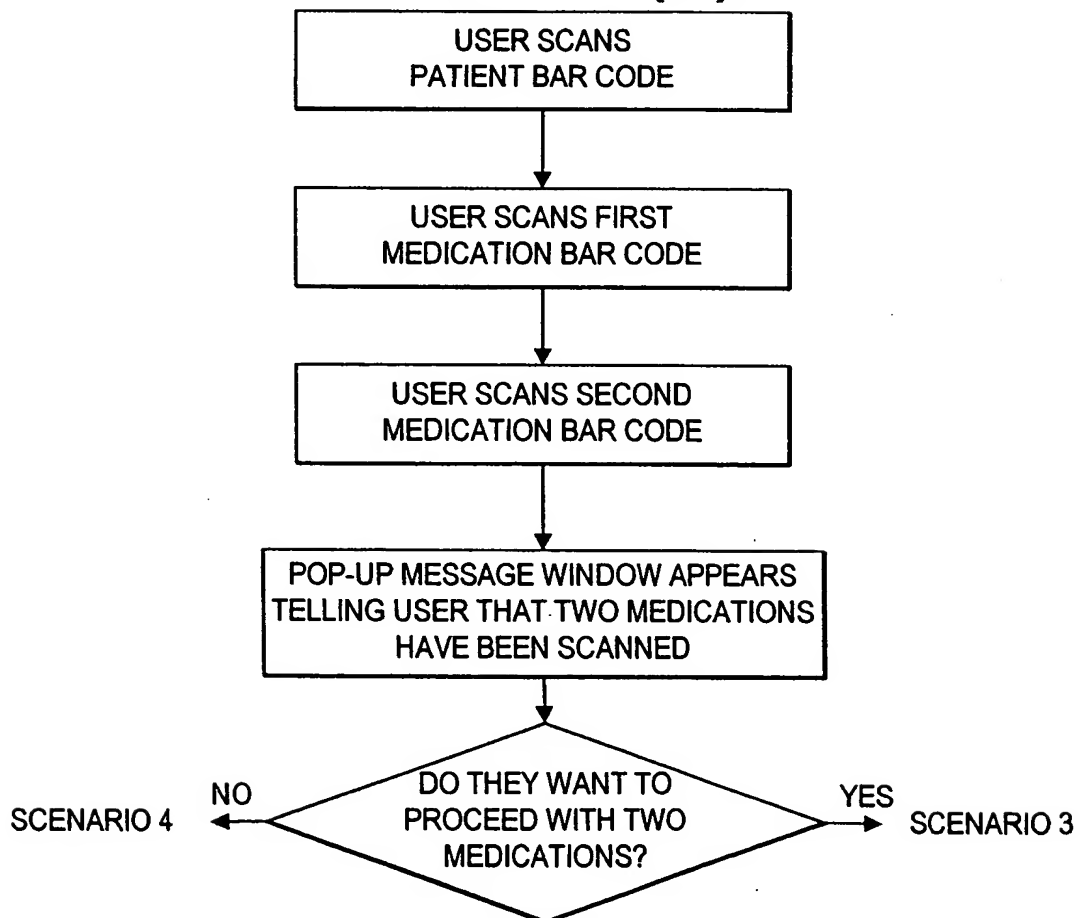


FIG. 36(b)

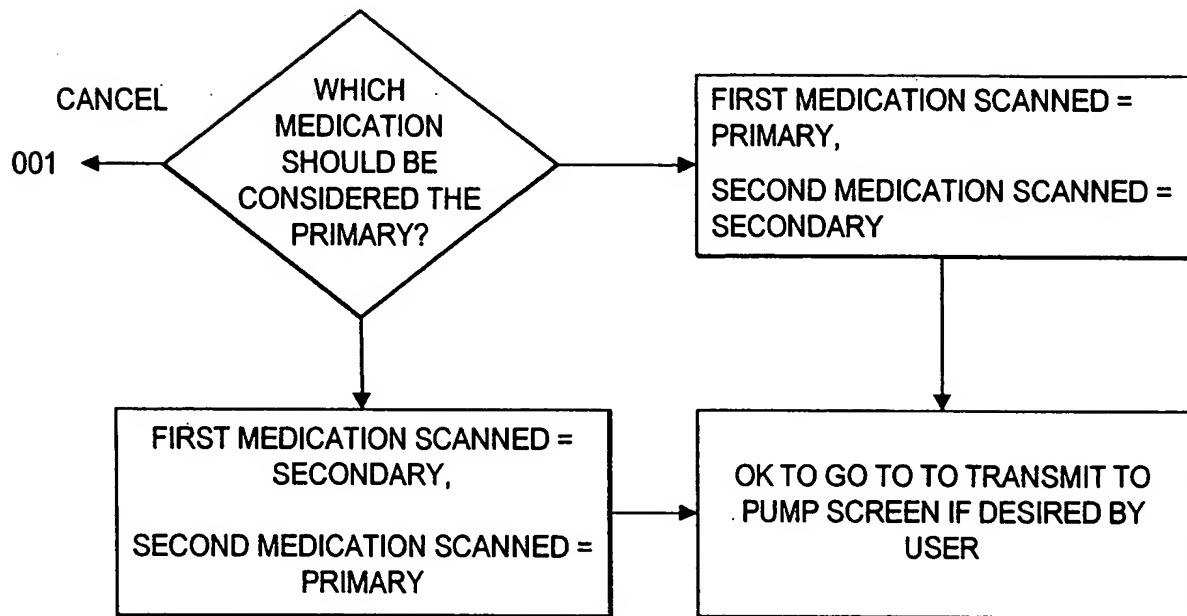


FIG. 36(c)

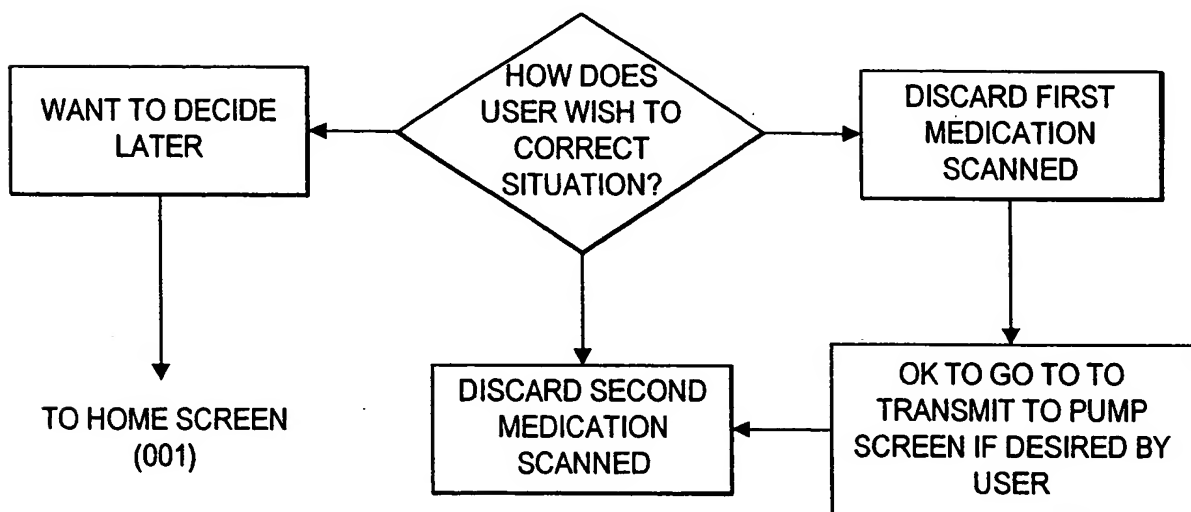


FIG. 37

?

X

MULTIPLE CONTAINERS

SELECT THE MEDICATION YOU WANT TO USE ...

MEDICATION :

☒ KEEP THIS MEDICATION

MEDICATION :

☒ KEEP THIS MEDICATION

MEDICATION :

☒ KEEP THIS MEDICATION

CANCEL

OK

FIG. 38

?

X

MULTIPLE CONTAINERS

SELECT THE PRIMARY AND SECONDARY MEDICATIONS ...

MEDICATION :

☒ PRIMARY ☐ SECONDARY

MEDICATION :

☐ PRIMARY ☒ SECONDARY

CANCEL

OK

FIG. 39

